

SEQUENCE LISTING

<110> Williams, Lewis T.  
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Labat, Ivan  
Jones, Lee William

<120> Human Genes and Gene Expression Products  
XVI

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aatttagaaa catctagcac acttggaaaca ctgcgtatca ttttcctcac tcataaat      180
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<212> DNA
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agggtggct aggctttgaa aaggctaaaa gggggaaatt tctggccctt gttccaagg      180
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ctttactcccc	cctgccttc	aaaaagaaaa	ggaaaaaccg	gccccccctt	aataattggc	300
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gtgtccctca	cacacactcg	cgcgagagat	ctctctctat	atctctcctt	tgtctgtgtc	180
tctctctcgc	gcgc当地	atctatatat	tttgcgcgc	acacgcgaga	gtgtgtccct	240
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 acttcataac ttttatctca ctatgttga agatattagg tatgttctt ctactaccag 180  
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 gtgttnnnnn nnnnnnnnngc catattggcc aaaattttt gactggctgg taaaacaaag 300  
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gccaggaga gataaaagca tcagcaccat gagattcacc tgccctcggt cgtnnnnnnnn      180
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<221> misc_feature
<222> (1)...(429)
<223> n = A,T,C or G

<400> 33
ggcacgagcg cctgcccctgc atcagggaga catgtcagct gaggagtaat tgaccagatt      60
tctgcttag aaatatggca gtggaggcag gagatggcat ctgaggccca ggctggggag      120
aagggtgtg ggatgagaac ctggagttca gaccaggaa gggatgagag cctaagaaga      180
ggagctctca ccctgagaca ggctggtgca ggagtctgt ctatccaggc ctgggtccct      240
ggttccctct gagcttggga ggactatgtg agacagaaca ggaccaggaa cctgcattcc      300
cccttgtatt attcatcnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      360
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnna      420
tgatggccc      429

<210> 34
<211> 439
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(439)
<223> n = A,T,C or G

<400> 34
gttctgtgg aatagaggggt ccctggtgac agggcaggc tagatctgga gcctgcactt      60
ggcctgtgac atactgttt gtttctgaga atcctccct acttctctag ttaatctcca      120
gagacttctg tgactactta atcacaaagg aaattttcag gaatattatc aaatactatt      180
ttagaaaaaa aaagagaagg gattgaatg tttcagttc agtttagnta tcnnnnnnnn      240
nnnnnnncca caaacttcaa aatggaggcc ccccccctct ttaacccccc.taaaaaaaaat      300
tctgatgtt gaggtttgt tgccaattaa ccaaaccccc aaaaaaaaaag ggggttaaac      360
cccattggaa agtttccta atttggggg gtgccttgc aggtggaccc gttccctgc      420
cctggaaag gccccaaag      439

<210> 35
<211> 440
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(440)
<223> n = A,T,C or G

<400> 35
ggcacgaggt gaagtccctgg ttccagactc cccttttgc cgggacatga tggatctgtc      60
agctggtgcc tatagtccta gagagctaga gatggaggga aattcagatc atctaaacc      120
ttcagccctt cactggacag aagaggaaac tgaggctcca tctgcatacgac gttcccagag      180
tcacggcaca aattcatgaa agaagcagca gaaaaactcag ttctccagtc tgggtccaa      240
gtgtgtttta gaaatatctc cacagggtaa atgactcaat ttttcatgca tgattgttag      300
taatgacaat catgttatgt ttgttctgt agctttggaa atcactcctt ccacttgagt      360
ttcaggtccc aactgtccac acctgcagga gtgagggttt gctgagactg ataaggcact      420
cacattntgt gggagttgaa      440

<210> 36
<211> 423
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(423)
<223> n = A,T,C or G

<400> 36
acgagcgcnn nncctgcatac agggagacat gtcagctgag gagtaattga ccagatttct      60
gcttagaaa tatggcagtg gaggcaggag atggcatctg aggcccagc tggggagaag      120
ggtgctggga tgagaacctg gagttcagac cagggaaaggg atgagagcct aagaagagga      180
gcttcaccc tgagacaggc tggtgcagga gtctgctcgta tccagccctg ggtccctgg      240
tccctctgag cttgggagga ctatgtgaga cagaacagga ccagggcct gcattcccc      300
ttgttattt catcnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      360
nnnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnatga      420
tgg      423

<210> 37
<211> 424
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(424)
<223> n = A,T,C or G

<400> 37
ggcttgtaga nctcgagggt tngcaagaat cgcattcggc acgagctggg acacagtgn      60
ctctcttata tttgttgctg gaataaatga atgaactaag gcagtttgc agggatttac      120
tgttaccac catggaaaa ttaaataatgc gcccccaagg aaaacgttct aaaatttagaa      180
gactacttgc tactctcagc ttctgattcc ctctgagctt agaaccagac agccttaggc      240
tggtaactcc tataagctgg tcctccccc atgctgaccc catcttact gtacaattca      300
ctttcatgg actgaaggca ccaccaagat agatccagga gtgacaactc cagtgttaggt      360
gtccactgtt cccttaatct ctgtccctgct ccaagtataa ataaatcggg gccatttcct      420
taga      424

<210> 38
<211> 434
<212> DNA
<213> Homo sapiens

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<220>  
 <221> misc\_feature  
 <222> (1)...(434)  
 <223> n = A,T,C or G

<400> 38  
 ggcacgaggt acacagctgc ccccaggctg agagtgcctt atacaccctt gaatccctc  
 ttatatgtg cccccagccca ggagagataa aagcatcagc accatgagat tcacctgcct  
 ctggcgtnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn  
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn  
 nnnnnnnnnn nnnnnnnnnna ctcttagaca gaaaaatgc tttctccag tcttgttccc  
 ttgttctcag ttcccaccc gcctggataa ctactgttct tggtttnnnn nnnnnnnnnn  
 nnnnnnnnnn agtctcgtaa cagattcaa aatcagtcaa ctacttcaa aacaatgaca  
 tgctggctac ttaa

60
120
180
240
300
360
420
434

<210> 39  
 <211> 428  
 <212> DNA  
 <213> Homo sapiens

<400> 39  
 ggcacgagct ttgtggatgt ttccagctgc cagcgtcacc cttctgtctg ctccctggac  
 cagcttcagg acttgaagc ctcgtggct gagatcatca cacattgca ggggctgcag  
 agggacttat ctcttagcagt ctcctacagc aggctccatt ctcagactg gaatctgtgt  
 actgtatttg ggatccctct gggctatcct gttccctata ctttcaccc gaaccaggaa  
 gatgacaact gtttagctct gactccacta cgagtattca ctgcccggat ctcatggttg  
 cttagtcaac ccccaatcct gctctattct ttttagtgc cagagagttt gttcccgaggc  
 ctgagggaca ttctaaacac ctgggagaag gacctcagaa cccgatttag gactcagaat  
 gactttgc

60
120
180
240
300
360
420
428

<210> 40  
 <211> 429  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(429)  
 <223> n = A,T,C or G

<400> 40  
 ggcacgagtg gagagcacct ctgtgcctct ctgagagcac tcacagccaa aagtacacag  
 ctgcccccaag gctgagagtg cttgatacac cttgaatcc cctcttatat gatgcccccaag  
 cccaggagag ataaaagcat cagcaccatg agattcacct gcctctggtc gttagggAAC  
 aatggaggcc tgcgatttg agttaaactc tcagtgtatct ctgtgttgac aacacccaaAG  
 cttagaggaat ccagtaggat gtgggcatgg tttcccgga aggctgactg agcagttctG  
 caaatgtttg caagtacagg gcagaatttc atccagcctc agaacattGA gccaagactC  
 agcatcagca aagccaaaAG ttcatTTTc ttgactgtgg gagtgttagt cccAACCTT  
 agatggccn

60
120
180
240
300
360
420
429

<210> 41  
 <211> 430  
 <212> DNA  
 <213> Homo sapiens

<400> 41  
 actctgcaaa cagctacttg tgctgattgc aggagaccca taaattcgaa cgaggaacaa  
 ccgagacctg aaggggctga cgaacgcgtat ttctgataag tatggggTCC ctgaagagaa  
 catttaccaa gcctacaata aatgcacgcg aggaatcttA tgcaacatgg acaacaacat

60
120
180

cattcagcat tacagcaacc acgtcgccctt cctgctggac atggcggagc tggacggcaa	240
aattcagatc atcctaagg agctggaagg cctctcgagc atacaacccc tcacgaccctg	300
catggggcca gcagggacgt ggccccacgc cacacacaac ctctccacat gcctcaacgc	360
tgttacttga atgccttccc tgagggaaaga ggcccttgag tcacagacccc acagacgtca	420
ggaccatggg	430
<210> 42	
<211> 437	
<212> DNA	
<213> Homo sapiens	
<220>	
<221> misc_feature	
<222> (1)...(437)	
<223> n = A,T,C or G	
<400> 42	
ggcacgaggc gccctctgcc cccctcagag ggtctctcct ctcgacccccc aaattcccc	60
agcatctcaa tcccttgcatt ggggagcaag gcctcgagcc cccatggttt gggctcccg	120
ctggggctt ctccaagact ggagaagcgg ctgggaggcc tggccccaca gcggggcagc	180
aggatctctg tgctgtcagc cagcccagtg tctgtatgtca gctatatgtt tggaaagcagc	240
cagtcctcc tgcactccag caactccagc catcgtcat cttccagatc cttggaaagt	300
ccagccaact ttccctccag cctccacagc cttggctcag tgtccctgtg tacaagaccc	360
agtgacttcc aggtcccaag aaacccacc ctaaccatgg gccaacccag aacacccac	420
tctccaccac tggcan	437
<210> 43	
<211> 432	
<212> DNA	
<213> Homo sapiens	
<220>	
<221> misc_feature	
<222> (1)...(432)	
<223> n = A,T,C or G	
<400> 43	
ggncncatgta ccaccaggac ctgggtctg tgcacatcta catcacccag ctggctgaga	60
agttcgacct caggaccact atgctgtaca tctgtgagcg gcacttccag aaggttctga	120
accggagtct attcacaggc ctgcgcctca tcacccactt tggcoigtccc ccctttgagc	180
ccttcctcaa tcccttgcag gaggtccacc cccaggtccg gaagatcggg gtgttttagct	240
gtggccccc tggcatgacc aagaatgtgg aaaaggcctg tcagotcatac aacaggcagg	300
accggactca cttctccac cattatgaga acttcttaggc ccctttccgg gggttctgcc	360
cactgtccag ttgagcagag gttttagcccc acacctcacc tctgttcttc ctatttctgg	420
ctgcctcagc cc	432
<210> 44	
<211> 436	
<212> DNA	
<213> Homo sapiens	
<220>	
<221> misc_feature	
<222> (1)...(436)	
<223> n = A,T,C or G	
<400> 44	
ggcacgagcc gaggcgccgcg tgttccgtgg ccgttccag ggccgcgcgg cggtatcaa	60
gcaccgccttc cccaaaggctt accggcaccc ggccgtggag ggcgcggctt gcaagacggcg	120
gacggtgccag gaggccccc cgctccctccg ctgtcgccgc gctggaaatat ctgccccagt	180



<210> 49  
 <211> 408  
 <212> DNA  
 <213> Homo sapiens

<400> 49  
 ggcacgaggc acacaaagcc aaggcatac cctatagagt aaagctgcag ccaccctgtg 60  
 tctcatgtgc agctgaaaata gtgatctgtctgtactg tcacatagac agccctgcat 120  
 gccccctgtc tcacacagg ttgtaatgaag acagctcctt ctcatcttc cataaggctg 180  
 agatacaagt tcagggactc agcaatgcac tttaggactg agcttaggagg caaatatctg 240  
 aagcttgcata tgctgttctt tccattcctt ttccctctga aacacacaaa ataccaaagg 300  
 aacttacgca tcacaccact gagtccctcta actaatcata tgtgctcaga cacagctcaa 360  
 gcacaccct tagttaagag agaacctcca tatacattaa tttttttc 408

<210> 50  
 <211> 407  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(407)  
 <223> n = A,T,C or G

<400> 50  
 agagaaaacat ccactcgaat tcggcacgag gacagggcag ggctagatct tttttctgca 60  
 cttggcctgt gacatactgt ctgggtgtctg agaattcctcc cctacttctc tagttaatct 120  
 ccagagactt ctgtgactac ttaatcacaa agggaaatttt caggaatatt atcaaatact 180  
 attttagaaa aaaaaagaga agggatttga atgttttcag ttcagtttag ttatcnnnnn 240  
 nnnnnnnnnn ncccaaactc aagtatggag gccccccccc cttaaacc accaaaaaaaaa 300  
 tttttgggg ttcaggggtgg gttggccaac tacccaaacc cccaaagaaa atgggggtta 360  
 acccccttga aaaagtttc ttactttggg gggctgcct tgagccg 407

<210> 51  
 <211> 312  
 <212> DNA  
 <213> Homo sapiens

<400> 51  
 cccccggggc gctctctttt tttttccccca aagtggagag agcccccgcgc gcgctctctc 60  
 ctcgcattttt ttcgacaccc cccttggtg gggcgcccccg cgcgctgtg tggatcacac 120  
 agaatgtgcg tgggtgtct gagagacact cttcgccgtt gtgtgtgaga cacgagactt 180  
 tctctttta gggggcgccccggg ggggagttt atgtgtgcca catgtttct gtgtataaaaa 240  
 agagccgcaca gagtgtttt tataatctgtg agagagaccc ctctgtatatacagctc 300  
 agaggggaga gg 312

<210> 52  
 <211> 420  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(420)  
 <223> n = A,T,C or G

<400> 52  
 acgagggnnn nnaagcaccc cggttacccc atgagggcct acaagctggc caccctggcc 60  
 atgaccctatc tcaacctgag ctacaatcag gacacacacc ctgccattaa tggatgtttt 120

tgggcctgt	cgcttagcca	ctcccttggt	aaaaatgagc	ttcagctat	aatacctctg	180
gtggtaaga	gtgtcaagt	tgcaacggta	ctgtcagaca	tttgcgcag	atgcactctg	240
accactcct	gcatgggtgg	acttcatggg	aggaggaact	ctggtaagct	catgtcactg	300
gacaaagccc	ccttggaggca	actcttggat	gccacgatcg	gggcctacat	caacacaacg	360
cactcacggc	tcacacacat	cagtcctcg	cactatacg	agtttataga	gttcctcagc	420
<210> 53						
<211> 394						
<212> DNA						
<213> Homo sapiens						
<220>						
<221> misc_feature						
<222> (1)...(394)						
<223> n = A,T,C or G						
<400> 53						
ggcacgaggt	gtggatgaca	gagcgagacc	ctgcctcatn	nnnnnnnnnn	nnnnnnnnnc	60
cccccnnnn	nnnnnnnaaa	aacccgggt	ggccccggct	gttctttag	gccctaaaaa	120
ttgccccaaa	aaaaattggc	cgggccc	aaaaaccccg	gtttttggg	gagaattcaa	180
aaaagggtcg	gtnnnnnnnn	nnttttaaa	cttccaacc	gcctcagggg	aaaaaaacct	240
ggaaaaactca	atgggggttg	gaacaaaatc	aatatttgg	cctaccggaa	agcgttaaga	300
ttttaaacca	gtaaaaatgg	ccaannnnn	nnnnnnnnnn	nnnnnaacagg	gccccgggg	360
taagggctaa	aaattttcag	atttgaacct	tttt			394
<210> 54						
<211> 390						
<212> DNA						
<213> Homo sapiens						
<400> 54						
ggcacgagat	tttcttggca	ataagcgac	tctggactc	cggctcccta	ccccaaactg	60
aagcgctcc	gtgaacaccc	ccgtcctcc	tagggggagg	ggagcaggcg	ggatcctggg	120
tccctcataa	gcacttgg	tttaccgcct	gcaacctc	tgtgccc	ccgcaccatg	180
ccctagcccc	aggctagcc	gggcccatt	cagggggcag	cacttgggg	catctccggc	240
acttgggtgg	gaccaaggag	atgccaccat	agaccttcc	ctcgcc	tcctccctag	300
tccgggttcc	atttttca	ccagcacca	tcgccc	agg	ggggcaggg	360
gttgtcaat	tcaaacc	ccccgctcg				390
<210> 55						
<211> 280						
<212> DNA						
<213> Homo sapiens						
<220>						
<221> misc_feature						
<222> (1)...(280)						
<223> n = A,T,C or G						
<400> 55						
tctctctctc	tctctgcgcc	cacac	tcan	nnngcacgt	tat	60
nnnnnnnnnn	tttttttag	agagacat	cgcg	ctgcgt	tctttttc	120
ctctttctc	gcgcgcgc	gcac	cccc	tgtgtgg	gcgcgt	180
tgcg	cg	nnnnnnnn	ctctctgt	ggcgn	nnnnntctc	240
tttgggggg	cggggggc	cc	cccc	ctgtgtgc		280
<210> 56						
<211> 398						
<212> DNA						
<213> Homo sapiens						

<220>  
 <221> misc\_feature  
 <222> (1)...(398)  
 <223> n = A,T,C or G

<400> 56  
 ggcacgaggt ccacctcagc tcagaatct catgccggtt ggcaattagt cagcataagc 60  
 cgatgcctgc ccatcagtc tttactctga ggtgttagag tggaaaaaa atataaatac 120  
 ttacnnnnnn nnnnnnnnnca atacccaacc ccctcccatt nnnnnnnnnn nnngcccgcc 180  
 cccctaaaat tcatggagag gccttattcg tagccagcca ctatataaac cctgctgggt 240  
 gggcggnnnn nnnnnnnnngt gaagggggaa aaaaaaagcc ttttttcaa aaaattagtc 300  
 atttttgtt tttttggac acatttgcg ggacaaagaa ccctgtaaaa cccccctatt 360  
 cnnnnnnnnn nnnnnnaacc tcaacgaggg gggggcgg 398

<210> 57  
 <211> 386  
 <212> DNA  
 <213> Homo sapiens

<400> 57  
 ggcacgagat tttcttggca ataagcggac tctgggactc cggctcccta ccccaaactg 60  
 aaggcgcttcc gtgaacaccc ccgtcctccg tagggggagg ggagcaggcg ggatcctggg 120  
 tccctataaa gcacttttgtt tttaccgcct gcaacctcac tgtgcccggc cccgaccatcg 180  
 ccctagcccc aggtctagcc gggcccattg cagggggcag cactttgggg catctccggc 240  
 actttgggttgg gaccaaggag atgcaccat agacctttcc ctcgccttct tcctccctaa 300  
 tccgggttcc attctttca ccagcaccca tcgccccagg ggtaccgagg gggggcagg 360  
 gggggtcaag tccaggccca cccccc 386

<210> 58  
 <211> 202  
 <212> DNA  
 <213> Homo sapiens

<400> 58  
 cacttttct atatgaatat cttggccgta tcatagactc aaaaaaagaaa ttatgcaagt 60  
 tctttctgcc cccacactcgcc ccaggggaga agtttacctt cgggaactcc agagttaaag 120  
 cagttgttgtt gataatttt tatgctgaac acaccacgat ataaaaaaca acattcacgt 180  
 gctttatattt tgttatgtgt tt 202

<210> 59  
 <211> 394  
 <212> DNA  
 <213> Homo sapiens

<400> 59  
 ggcacgagtc tgcttctgtc actgtcacat agacagccct gcatcccccc tgcacac 60  
 agtttgtaat gaagacagct ccttctcatc tttccataag cctgagatac aagttcagg 120  
 actcagcaat gcactttagg actgagctag gaggcaataa tctgaagctt gctatgctgt 180  
 tctttccatt cctttccctt ctgaaacaca caaaataacca aaggaactta cgcaacacac 240  
 cactgagttcc tctaactaat catatgtgtt cagacacagc tcaagcacac cccttagtta 300  
 agaaagaacc tccatataaca ttaattttt tctgcctaaa aataaaattt cgttgtggca 360  
 gcaatttgga aactacagca aagtcctcaa aaaa 394

<210> 60  
 <211> 246  
 <212> DNA  
 <213> Homo sapiens

<220>

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<221> misc_feature
<222> (1)...(246)
<223> n = A,T,C or G

<400> 60
ccccctcctt ttttaggcctg aatacaaagt agaagatcac ttcccttcac tgtgctgaga      60
atttctagat actacagntc ttactcctct cttccctttt ttattcagg tgaccaggat      120
ggcgggaggg gatctgtgtc actgttaggta ctgtgcccaag gaaggctggg tgaagtgacc      180
atctaaattt caggatggtg aaattatccc catctgtctt aatggctta ctcctcttt      240
gccttn      246

<210> 61
<211> 395
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(395)
<223> n = A,T,C or G

<400> 61
ggcacagact tgcttcctc tcaccctctg cagttccnn nnnnnnnnnn nnnnnnnnnn      60
nnnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      120
nnnnnnnnnnn nnnnnnctc catatcgtaa actgccttg aaccaattac cactaccagg      180
gagacaaaact attgcttaga ggatgctgac aggagcagca tgccaaaatf ggaagaagga      240
gaaagttaa gctctcctca ctatgagttt tcaagtataa aagactttt cttccacgat      300
tttggagaaca actgaggact ctgtgacca ggacaacagg gaagcttgca gcaagatagc      360
tccagggttgg attcatgctt cgacacccaa aggct      395

<210> 62
<211> 387
<212> DNA
<213> Homo sapiens

<400> 62
ggcacagggc ttgcggggca ttatgactag agggttggtg aaaattcaga cagaatgtaa      60
cttgacaaag agaagacacg aacaactgta acaattatct tatgaatatt tgcaactc      120
aaagggatct gattggtgac ctctggctt tatcaaatta acatcacaac ttctagaaga      180
aagtcaacct tcatactttt caatagaaat catatgttt gctaaccat tcctatttag      240
gctgaaaaca attaagaggat atgggtactt aaaaaaatca ttatgtttt aaaaatttagtg      300
atagaaggag catagtgttc tatacagtca cacacataca cttccattt tcttttattt      360
aaacttttag taacatagca gtctatg      387

<210> 63
<211> 401
<212> DNA
<213> Homo sapiens

<400> 63
ggcacagggg aaactgtatg acaggagaat gaatcagggtt tggggctcaa ggtgccggcc      60
actggaaaaa acagctgccc cgagttgcaa aactctgggt cctatatgtt taaaactatgc      120
cctgagggaaag gaatctcagg cgtatcttag gagaaaaatgt tctagcttgg gaaacaaaaca      180
caacaggacc gtgaatccaa atattcaag tgggtttaga ggactggagt tctaaacgct      240
gttttactg taagtgtatca cgccccggaa ttttgtgaag aaaggaaaaat gagccagtt      300
cgccgaggac tatgggcaag gaaaacgaga gtgtgcgtat ttttcaagca agacatctgt      360
gtatagtaat ataaccaagt aatagatgtt catagaatca a      401

<210> 64
<211> 274

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<212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(274)  
 <223> n = A,T,C or G

<400> 64  
 cacgcacccg cctgtgtgtg tgcgcacaca cgctccctct ctctata tagac agacacacac 60  
 tgcgcgctcg ctctctcttt tgggtgcgtc ctccgtgcgc cccccctctc tctctttttt 120  
 ctctatatnn nnnnnnnnnn nnnnnntctga gagctcgccg gtcagcggtt ctattcacac 180  
 gcgcgtttttt tttatata tattttgtgc ggcggggggg gggcgacac actctctctt 240  
 ttttgtgggt tcgctgtccg cgtccctctt ttgg 274

<210> 65  
 <211> 279  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(279)  
 <223> n = A,T,C or G

<400> 65  
 ccctttttt tatacacccccc cccttgtctg tctgtttgt gtgtctgccccc cccttctctc 60  
 gttgtatct ccctctctct tttttctccc cccgcgcgtct ctctctctt cggggaggct 120  
 cacataccccc ctctctctct ctttttgaa ccacacattc cgtttcttctt ttttttatct 180  
 ctaccctctt ctcgtctgtt ccccccacan nnnnnnnnnn nnnnnnnnnn nnagatgttag 240  
 agttgcgttc cccactctcc nnnnnnnnnn gtgggggtgc 279

<210> 66  
 <211> 311  
 <212> DNA  
 <213> Homo sapiens

<400> 66  
 caaaaacaaaa attaaaaatg acccccccctt aaaattttag ggggtccatt tttaaaaacc 60  
 ttaacagttt aaagggttctt ggtagtttg gggaaacccca ctttgcgtatg ggagcaaaaa 120  
 agggatttt tttccaacat agcgagcggt ttagatttttt tttgtccgt tagatgtgc 180  
 ctgtgcacca cgccaaaaacc tccagaggctt ctctttttt acacaccctg tctgggggtg 240  
 tttctcagaa gattaacaca gcgcctgggg gtttaaggaa ggggtgacct ccgcaggaca 300  
 ttatgggct t 311

<210> 67  
 <211> 386  
 <212> DNA  
 <213> Homo sapiens

<400> 67  
 ggcacgaggaa atatctcaggc gtatcttatg agaaaaatgtt ctagcttggg aaacaaacac 60  
 aacaggaccg tgaatccaaa tatttcaagt gggtttagag gactggagtt ctaaacgctg 120  
 cttttactgt aagtgtatcac gccccggaaat gtgtcgatgtt aaggaaaaatg agccagtatc 180  
 ggcgaggact atgggcaagg aaaacgagag tggcgatgt gtcaaagcaa gacatctgtg 240  
 tatagtatata taatcaagta atagatagtc atagaatcaa gctgtatgtat ttggcagggg 300  
 ccgcgggagg atgaggcaac tccccatcaga ttagaaagat gttAACACTG taacaaaagt 360  
 ggggctcgag gaaggggaaa agcgca 386

<210> 68

<211> 396  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(396)  
 <223> n = A,T,C or G

<400> 68  
 ggcacgagga ggcagctgcc tttgttgcc atggatgggt aggggctgca ctgagcagca 60  
 ccggtgttct tcataccggct gcaccccaa cagagcttt tcttccccag atccctttta 120  
 cagttggatt ctccctctt gatctggctc tgccttagtc cgaccttagag ggatcagctt 180  
 cggccacgccc cactctcacc cggAACCTT catctcttat tgaaggcTTT taggcccatt 240  
 gggatgttca tttagaactct gaaaactaca gttctccctt ttatgaggac tgcaccacag 300  
 ctcGCCCTCTC CCTGGGTTCC gcctgggtgc agagtggacc catggacag ccctctgaaa 360  
 ttatactgct tacaaccatg ctgagtcgtc aaggan 396

<210> 69  
 <211> 397  
 <212> DNA  
 <213> Homo sapiens

<400> 69  
 ggcacgagtc tttagtcaaca tggacaacaa catcatttag cattacagca accacgtcgc 60  
 cttctcgctg gacatgggg agctggacgg caaaatttag atcatccctta aggagctgta 120  
 aggctctcg agcatccaaa ccctcacgac ctgcaagggg ccagcagggg cgtggcccca 180  
 cggccacacac aacctctcca catgccttag cgctgttact tgaatgcTTT ccctgaggga 240  
 agagggcTTT gagtacacaga cccacagacg tcagggccag ggagagacct aggggggtccc 300  
 ctggcctgga tccccatggt atgcttgaat ctgctccctg aacttcctgc cagtcctcc 360  
 ccgtacccca aaacaatgtc accatggta ccaccta 397

<210> 70  
 <211> 394  
 <212> DNA  
 <213> Homo sapiens

<400> 70  
 ggcacgagcc aaaccttagca caaaacgggg ttcacaagcc atggtcgggg tccggggggg 60  
 acagaaaatgg attttcttgg caataagcggt actctggac tccggctccc taccggaaac 120  
 tgaagcgctt ccgtgaacac cccctgcctc cgtaggggg ggggagcagg cgggatcctg 180  
 ggtccctcat aagcactttg gtttaccgc ctgcaacctc actgtgccc cccgcacca 240  
 tgccttagcc ccaggtctag ccggcccat tgcagggggc agcacttggg gcatctccg 300  
 gcacttgggt gggaccaagg agatgccacc atagacctt ccctcgccctt cttccctccct 360  
 agtccgggtt ccattttt caccagcacc catc 394

<210> 71  
 <211> 389  
 <212> DNA  
 <213> Homo sapiens

<400> 71  
 ggcacgagga aagttaagca tctacagggtt atggctttgg gagttccat atcagtctat 60  
 ctttattca acgcaatgac agcaactgacc gaagaggcag ccgtgactgt aacacctcca 120  
 atcacagccc agcaaggtaa ctggacagtt aacaaaacag aagctgacaa catagaagga 180  
 cccatagcc tgaagttctc acaccttgc ctggaagatc ataacagttt ctgcatcaac 240  
 ggtgcttgc tattccacca tgagcttagag aaagccatct gcaggtgtct aaaattgaaa 300  
 tcgccttaca atgtctgttc tggagaaaaga cgaccactgt gaagccttgc tgaagaattt 360  
 tcatcaaggc atcagttagag atcagttag 389

<210> 72  
<211> 396  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(396)  
<223> n = A,T,C or G

<400> 72  
ggcacgaggc ctggccccac agggggcag caggatctct gtgtgtcag ccagccagt 60  
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ccatcagtc tcttccagat cttggaaag tccagccaac tcttcctcca gcctccacag 180  
ccttggctca gtgtccctgt gtacaagacc cagtgacttc caggtccca gaaacccac 240  
cctaaccatg ggccaaccca gaacacccca ctctccacca ctggccaaag aacatgccag 300  
cagctgcccc ccatccatca ccaactccat ggtggacata cccattgtgc tgatcaacgg 360  
ctgcccagaa ccagggtctt ctccacccca gcggn 396

<210> 73  
<211> 386  
<212> DNA  
<213> Homo sapiens

<400> 73  
ggcacgaggc cacctgttgc cctaacaccc tgtctgactc tctccgctg cagcagccag 60  
tccctccgtc actccagcaa ctccagccat cagtcattt ccagatcctt ggaaagtcca 120  
ggcaactt cctccagctt ccacagcctt ggctcagtgt ccctgtgtac aagacccagt 180  
gacttccagg ctcccagaaa ccccacccat accatggcc aacccagaac accccactct 240  
ccaccactgg ccaaagaaca tgccagcagc tgccccccat ccatcaccaa ctccatggtg 300  
gacataacca ttgtgctgat caacggctgc ccagaaccag ggtcttctcc accccagcgg 360  
accccaggac accagaactc cgttca 386

<210> 74  
<211> 390  
<212> DNA  
<213> Homo sapiens

<400> 74  
ggcacgagct cagatccggg gactgcggat aaatggcctt aggccgcggg cagcagatg 60  
ttgcgttccg gtgtgggtgt gggtgtgctt ccgacggcgt ctgggtgcca gtgtcgaggt 120  
tctttctgt tagtaccccg gagccgacta cggaggagga cacctgagtt taatgtcttt 180  
ccatctgtc ctgcctca gtcgcctgggtt ccccgacgg agccaggtga cacttaactc 240  
cgccatctgc gtttgagca ctgttctcat aatggagttt cctgatttg ggaagcattg 300  
ttcagaaaag acttgcaagc agctagattt tcttccagta aaatgtgatg catgtaaaca 360  
agatttctgt aaagatcatt ttccatacgg 390

<210> 75  
<211> 399  
<212> DNA  
<213> Homo sapiens

<400> 75  
ggcacgagaa atggccttag gccgcggca gcgagatgtt gcgttccgggt gtgggtgtgg 60  
gtgtgcctcc gacggcgtct cggtgccagt gtgggggttc tttctgttta gctacccgg 120  
ggcgactacg gaggaggaca cctgagttt cgtcttcc atctgtgtc cgcctcagct 180  
gcctgggtcc cggacgagag ccaggtgaca cttaactccg ccatctgcgt tttgagcact 240  
gttctctataa tggagttcc tgattgggg aaggattgtt cagaaaagac ttgcaagcag 300  
ctagattttc ttccagtaaa atgtgatgca tgtaaacaag atttctgtaa agatcatttt 360  
ccatacgtc cacaataactg tccgtttqca ttccqaaq 399



&lt;210&gt; 80

&lt;211&gt; 376

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 80

ggcacgagct ggaaaccagc ccctaagctg ct当地 cttcacctt cggccattt ctcactagcc	60
agcctctccc acggcctccc cagttcttc aaatacaccc cctccactat tcaccatact	120
gccaccgtga tttatataca acttttgtc cggattaccc cagtagcctt ctaattgtcc	180
ccttgcatac taaagttagcc cctctcatcc cccaaatctt accatgtcac tcttctacat	240
aattctggct ttccatgacc cataaaccac atttctcaag tgtgctctat gctggcttga	300
atatgttaat gatcttaatt ctacttttag tgcaattttc ttagagctgg catcactttc	360
atcatgacgt gagaac	376

&lt;210&gt; 81

&lt;211&gt; 384

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 81

ggcacgagag gatttgtgtga aatttgtcaa atgcataaat gtgggctggg atagtaaaag	60
ggaggccccc ggagcagccc acctgggtc ctatctatgta gacgcgcccc gtgcccaccc	120
attgtgtga tgccagcagc ccactgcaag catcctcttc ctttccaagg ttctgtctgg	180
tacatgaata ggtgtggcag ggggtggggc tcctgaagac caactagggg tactaggac	240
cttagactct tgcgagagcc tgcacccat atcaggtggg gtcaatagat aaataccct	300
gcctccttgc cccttagttc tgggtgtggg ggcaagtca aggaactgtt cttctcacac	360
tttacacgtgc tctcggtgaa gatc	384

&lt;210&gt; 82

&lt;211&gt; 383

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 82

ggcacgagca aaggctcgca gcggccagaa accccggctcc gagcggcggc ggcccggtt	60
ccgctgcccgg tgagctaaagg acggctccgtt ccctctatcc agctccaaat cctgatccag	120
gcggggccca gggggccctc gcctccctc tgaggaccga agatgagctt cctttcagc	180
agccgctctt ctaaaaacatt caaaccaaaag aagaatatcc ctgaaggatc tcatcagtat	240
gaactcttaa aacatgcaga agcaactcta ggaagtggg atctgagaca agctgttatg	300
ttgcctgagg gagaggatctt caatgaatgg attgctgtga acaactgggg atttctttac	360
caggatcaca atggtaatat ggg	383

&lt;210&gt; 83

&lt;211&gt; 358

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 83

ggcacgagca gggccgcgcg ggggtgatca agcaccgtt ccccaaggcc taccggcacc	60
cggcgtggc ggcgcggctt ggcagacggc ggacgggtca ggaggccccgg ggcgtccctcc	120
gctgtcgccg cgctggataa tctgccccag ttgtctttt tgtggactat gcttccaact	180
gcttatataat ggaagaaattt gaaggcttag tgactgttc agattatatt cagtccacta	240
tggagactga aaaaaactcc ccagggtctc tccaacttag ccaagacaat tgggcagggtt	300
ttggctcgaa tgcacgatca agacccattt catggtgatc tcaccaccc caacatgc	358

&lt;210&gt; 84

&lt;211&gt; 338

&lt;212&gt; DNA

<213> Homo sapiens

<400> 84

aagatggctg agagggacag aatgc <del>ttt</del> at tttggagaga aacaatgttc taggtcaaac	60
t <del>tg</del> actacc aaatgcacac tttcacaatg ggtctagaag aaatctggac aagtctttc	120
atgtgg <del>ttt</del> tctacgcatt gattacatgt ttgctcacag atgaagtggc cattctgcct	180
gcc <del>c</del> c <del>c</del> aga acctctctgt actctcaacc aacatgaagc atctctt <del>gat</del> gtggagccc	240
gtgatcg <del>cg</del> ctggagagac agtgactat tctgtcgaat accagggg <del>ga</del> gtacgagagc	300
ctgtacacga gccacatctg gattccc <del>agc</del> agctgg <del>tg</del>	338

<210> 85

<211> 475

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(475)

<223> n = A,T,C or G

<400> 85

gtcgctaat agg <del>c</del> aggagt ccatcgattc gaattcggca cgagnnnnnn nnnnnnnnnn	60
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	120
nnnnnnnnnc gtc <del>cc</del> actgt gcactc <del>ct</del> ga cacatactt cccgc <del>t</del> aca ctctctattc	180
tccccctctt gtgttctc <del>t</del> tctatagcgg tagatagaga ggcctgtgtg tagataataa	240
acgtgtgtgt gtgt <del>ta</del> aga aaggagacac aaacacgccc acnnnnnnnn nnnttgggc	300
cttttttct tttgagcc <del>t</del> ttggggaaaa aacc <del>cc</del> ggga aaacagccca tacccactat	360
ttggggcg <del>cg</del> ccaaaaaacc ttctt <del>aaa</del> aaa aatgtgtt aaatgttaaa ttttttagga	420
acannnnnnn nnnngcaaaa aatagcaccc caaaagcagg ggtttacat tttt <del>g</del>	475

<210> 86

<211> 467

<212> DNA

<213> Homo sapiens

<400> 86

gagcgat <del>ttt</del> ctgcaggatt ctatcgattc gaattcggca cgagccatgg tctc <del>ag</del> t <del>g</del> gg <del>tc</del> gaatt tacagagaag tttggccagg ggg <del>tcc</del> acca tgct <del>cc</del> agt cagtttgg <del>g</del> ag <del>aa</del> acaga gaagctcg <del>c</del> catgggg <del>tcc</del> accatgggg <del>t</del> taatgaggcc tgg <del>a</del> gg <del>aa</del> ag <del>aa</del> c <del>ag</del> agaagtt tggcc <del>c</del> agg <del>gt</del> gtcc <del>c</del> ccat <del>g</del> ctgc <del>c</del> tc <del>g</del> ca ggtgggg <del>aa</del> ag gaggaagaca g <del>ag</del> tggt <del>cc</del> a <del>gg</del> c <del>c</del> ccat <del>t</del> catggc <del>gt</del> ta gtc <del>c</del> agg <del>ct</del> gg a <del>gg</del> gagg <del>gc</del> gggc <del>ag</del> tt <del>g</del> g <del>cc</del> ac <del>gc</del> ac <del>at</del> tcaccacaca gc <del>agg</del> gc <del>ag</del> ctgg <del>gaa</del> aga gggagacata g <del>c</del> agtt <del>c</del> at <del>g</del> g <del>t</del> gt <del>cc</del> aa <del>cc</del> tgggg <del>tcc</del> ac gaggccgg <del>g</del> a <del>gg</del> agg <del>gc</del> g <del>c</del> aattt <del>gg</del> gc cagg <del>gg</del> at <del>tc</del> accat <del>acc</del> ct tgaacagg <del>cc</del> ggg <del>a</del> aggaag <del>aa</del> g <del>gt</del> cc <del>ca</del> g	60
120	
180	
240	
300	
360	
420	
467	

<210> 87

<211> 449

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(449)

<223> n = A,T,C or G

<400> 87

cgggg <del>tgg</del> ga aaccngan <del>nt</del> tnannaancg gacggattct cccgttcc <del>g</del> a <del>tg</del> gc <del>c</del> tttt acagaagatt cttcacagct atgtgc <del>c</del> ta agagatcang gatggaaatc a <del>ag</del> ttc <del>g</del> agt tac <del>ct</del> cat <del>gg</del> gatggc <del>ag</del> ga aatggggaga actggagg <del>gg</del> gacac <del>ct</del> at <del>g</del> accggg <del>gt</del> gct g <del>gt</del> ggat <del>gt</del> g ccctgtacca cagaccgcca ctccctt <del>cat</del> gaggaggaga acaacat <del>tt</del>	60
120	
180	
240	

taagcggtca aggaagaagg agcgacagat attgcctgtg ctgcaagtgc agcttcttgc	300
ggctggactc cttgccacca aaccaggagg ccatgttgtc tatttacct gctcaactctc	360
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<210> 88	
<211> 439	
<212> DNA	
<213> Homo sapiens	
<220>	
<221> misc_feature	
<222> (1)...(439)	
<223> n = A,T,C or G	
<400> 88	
gtatgtatg tgcagcctcc catcgattcg aattcggcac gagatcccct cttatatgtat	60
gccccagccc aggagagata aaagcatcg caccatgaga ttcacctgcc tctggtcgt	120
nn	180
nn	240
nn	300
actcttagac agcaaaaatg ctttctcca gtcttgttcc ctgttctca	360
gttcccaccc tgcctggata actactgttc ttggtttnnnnnnnnnnnnnnnnnnnnnnnn	420
nagtctcgta ccagattcaa aaatcagtca actacttcaa aaacaatgac atgctggcta	439
cttagataga agaggaggc	
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<211> 436	
<212> DNA	
<213> Homo sapiens	
<220>	
<221> misc_feature	
<222> (1)...(436)	
<223> n = A,T,C or G	
<400> 89	
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ctgttaacgccc catcattgaa agggaaaagcg gaggacacca ttatgttaat atgactttac	120
ctgtcgatgc agttatatact gttgtccag aagaaaacatg gggaaaaagtt cgtaaactcc	180
tggtgtatgc aattcataat caactaactg acatggaaaa atgtatTTG aaatataatga	240
aaggAACATC tattgtggtc cctgaaccac tgcactttt attaccaggg aaaaaaaaaatc	300
ttgttacaat ttcatatcct tcagaatac cagatggcca gctgcaggcc tataggaagg	360
agttacatga tctttcaat ctgcctcactg acagacccta tttcaaaaagg tctaattgtt	420
atcactttcc agatgn	436
<210> 90	
<211> 437	
<212> DNA	
<213> Homo sapiens	
<220>	
<221> misc_feature	
<222> (1)...(437)	
<223> n = A,T,C or G	
<400> 90	
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gtgtgagcgc catggggagc aggaccctc cttgtggag cagggcctca gctacttcgc	120
tcgcaaggag gaggactgca aggagtatgt ggcagctgtc ctcaagcata tcgagaacaa	180
gaacctcatg ccacctttc tagtggtgca gaccctggcc cacaactcca cagccacact	240

ctccgtcatc	agggactacc	tggtccaaaa	actacagaaa	cagagccagc	agattgcaca	300
ggatgagctg	cgggtgcggc	ggtaccgaga	ggagaccacc	cgtatccgcc	aggagatcca	360
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cttgagttg	ccctcan					437
<210> 91						-
<211> 437						
<212> DNA						
<213> Homo sapiens						
<400> 91						
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accaacttgc	atthaacaaa	caagaacttc	gtaaaagtcat	taaggagttac	cctggaaagg	180
aagtaaaaaaa	aggcttagat	aacctctaca	agaaaagtta	taaacattta	tgtgaagaag	240
agaacttact	tcaggtggtg	tggcactcca	tgcaagatga	atttatacgc	cagtataaagc	300
actttaagg	tttgatagct	cgctgttata	ctggatctgg	tgttacaatg	gaattcacta	360
ttcaggacat	tctggattat	tgttccagca	ttgcacagtc	ccactaaacc	ttgtgaaaga	420
agaaaagata	actgaat					437
<210> 92						
<211> 427						
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<213> Homo sapiens						
<220>						
<221> misc_feature						
<222> (1)...(427)						
<223> n = A,T,C or G						
<400> 92						
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caccgtcctt	cagagagcaa	cgaaagagct	tcccgaggg	cgaggaaaag	agggaaagta	300
gccagcaatg	tcgaacgcag	tgtataataa	gatgtggcat	cagacccaag	aagccctcg	360
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ctttcaa						427
<210> 93						
<211> 429						
<212> DNA						
<213> Homo sapiens						
<220>						
<221> misc_feature						
<222> (1)...(429)						
<223> n = A,T,C or G						
<400> 93						
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gctgagatgt	tttgatacac	ccttgaatcc	ccttccat	gatccccag	cccaggagag	120
ataaaaagcat	cagcaccatg	agattcacct	gcctctggc	gttagggAAC	aatggaggcc	180
tgcgatttgg	agttaaactc	tcagtgatct	ctgtgttgc	aacaccaaaag	ctagaggaat	240
ccagtaggat	gtgggcattgg	ttttcccgga	aggctgactg	agcagttctg	caaatgttt	300
caagtacagg	gcagaatttc	atccagcctc	agaaccttga	gccaaagactc	agcatcaga	360
aagccaaaag	tttcatttct	tcgactgtgg	gagtgttagt	cccaacctt	agatggccat	420
tcagttnta						429



atgctacatt	gctactttgt	tgcattgatc	gccagacgac	cactagattc	gaaactgagc	60
gcgagatgat	aatctgtgt	gttatgaaaa	tgcattgtac	cagtataaaa	tgacattctc	120
tattaataac	atctgcgg	cgacacacat	aattgtccca	attttaata	ttgatgggga	180
gcatgaagca	ttttttaat	gtgttggcag	gccccattaa	atgcataaac	tgcattaggac	240
tcatgtggc	tgaatgtatt	ttaggcattt	ctgggaattt	tcttgacaga	gaacctcagc	300
tggacaaagc	agcattgatc	tgagttagt	aactgacaca	atgaaactgt	caggcatgtt	360
tctgtcctc	tctctggctc	ttttctgctt	tttaacaggt	gtcttcagtc	agggaggg	418
<210>	98					
<211>	417					
<212>	DNA					
<213>	Homo sapiens					
<220>						
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<222>	(1)...(417)					
<223>	n = A,T,C or G					
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catcgattcg	aattcggcac	gaggccaagt	ggacaggcca	tagccccac	agactggagg	60
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tagcggagac	tctgaggctg	ctttagaata	tggtggtgt	gtggggcaaa	agggacaccc	180
aggggtgtat	caagaggctc	tnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	240
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	300
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	360
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<210>	99					
<211>	416					
<212>	DNA					
<213>	Homo sapiens					
<400>	99					
ggcacgagct	acctcagccc	tgctccagga	gacaccagca	gctggccag	tggccctgag	60
agatggcccc	gaagggagca	tgttgtaca	gtcagcaaga	ggaggaacac	atctgtggac	120
gagaactatg	agtgggactc	agaattccct	ggggacatgg	aattgtctga	gactttgcac	180
ctgggcttgg	ccagctcccg	gtcteagacct	gaagctgagc	cagagctagg	tgtgaagact	240
ccagaggagg	gctgcctcct	gaacactgac	catgttactg	gccctgaggc	ccgctgtgt	300
gcccttcggg	aggaattcct	ggccttcgc	cgccgcccag	atgctactag	ggctcggcta	360
ccagcctatc	gacagccagt	ccccaccccc	gaacaggcca	ctctgtgt	aacatt	416
<210>	100					
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<212>	DNA					
<213>	Homo sapiens					
<400>	100					
ggcacgaggg	aaaatgtagg	ctaccagtag	aaaatgacat	tctctattaa	taagatctga	60
ggtgcgacac	acataattgt	cccaattttt	aagattgtat	gggagcatga	agcattttt	120
taatgtgtt	gcaggcccc	ttaaatgtat	aaactgtata	ggactcatgt	gttctgaatg	180
tattttaggg	ctttctggg	attgtcttgc	cagagaacct	cagctggaca	aagcagccct	240
gatctgagtg	agctaactgt	cacaatgaaa	ctgtcaggca	tgtttctgt	cctctctctg	300
gctctttct	gcttttaac	aggtgtctt	agtcaaggag	gacaggttga	ctgtgggtag	360
ttccaggaca	ccaaggtcta	ctgcactcgg	aatctaacc	cacactgtgg	ctctgtat	417
<210>	101					
<211>	412					
<212>	DNA					
<213>	Homo sapiens					

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<220>
<221> misc_feature
<222> (1)...(412)
<223> n = A,T,C or G

<400> 101
ggcacgagga aagttaaacgt gtatctttt ttcattttt tagaactttt gcatactata      60
ttggattttac ctgcgggtgtg actagctttt aatgtttgtg tttatacaga taagaaatgc      120
tattttttc tggttcctgc agccatttga aaaccctttt ccttgc当地 tataatgtt      180
ttgatagatt tttatcaact gtggaaacc aaacacaagg ctgataaccc ttcttaaaaa      240
cgaccaggc acagtaaaga agacacaaga nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      300
nnnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      360
nnnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      412

<210> 102
<211> 414
<212> DNA
<213> Homo sapiens

<400> 102
ggcacgaggt cttgctcaca tgggttacta ctctctcctg gatgtcactt gtcaccccta      60
ccagccctcc tttctccaga tggcttcttc ataaccacca ggtcagaaga ggatccgttc      120
caatgattt cctaaaacaa tggaaatgtt ttccaaagag cttataaggc attgttaggat      180
ctggccgtcc ctgactccac tttaccagaa ccatactgctg ctcttctctc ttgtgttact      240
caaggattt gctgctgtgg caaatcaact ctgaaatctc cgtgacttaa tacaagagag      300
gtttatttct tactcacgct gggtgcactg ccacttggtt acagaggagc tatggaaact      360
tgagacctaa gcagaaatga gttcaataat attgtcacac tctaggact tctc      414

<210> 103
<211> 410
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(410)
<223> n = A,T,C or G

<400> 103
ggcacgagga agagccggga ggatgttattt gttgttagga aaatgttaggc taccagtaga      60
aaatgacatt ctctattaat aagatctgag gtgcacaca cataattgtc ccaatttttta      120
agattgtatgg ggagcatgaa gcattttttt aatgtgttgg caggccccat taaatgcata      180
aactgcatac gactcatgtg gtctgaatgt attttagggc ttcttggaa ttgtcttgac      240
agagaaccc acgtggacaa agcaacccctt atctgatgtt gctactgac acaatgaaac      300
tgtcaggcat gtttctgtcc ctctctctgg ctctttctg cttttaaca ggtgttttca      360
gtcaaggagg acagggttgc tttgtgttgg tccaagacac ccaaggctan      410

<210> 104
<211> 411
<212> DNA
<213> Homo sapiens

<400> 104
ggcacgagat acgaatgggg tttttttt gactgctcgc aggccccccc aggttatgtg      60
gacagagcta agcccaaagt tttttttt cactctgttc tttccatgtc gagggaaat      120
aagttagaaat tgacacagta agagccagaa tacaccaggta gaaggagaga attgcattgt      180
gttttggaa gtttctgtcc caagttatcc tgggtgttgg gacatcacta gctttggaaat      240
tgttagctggc acctctgtcc tctaatttga tgggtgttgg tgggtgttgg tgcacgcgtc      300
ggcttaacat atctgaaccc aggttatttcc tttttctcagg acgttttagt gtgacaaggaa      360
tcaggcatgtt gaacaaataa ccatactgtt aagctggctg tgctgggtct c      411

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<210> 105  
 <211> 413  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(413)  
 <223> n = A,T,C or G

<400> 105

ggcacgagga	agattctcg	agtccctgg	tctccctcca	gaagaccccc	cacccaaatg	60
ctctgt	tagct	cctggtagt	ccctgacccc	tgctgccacc	gtcctcaga	120
agagcttccc	ggagggc	gag	aaaaagaggg	aaagtgc	caatgtcga	180
taataagatg	tggcatcaga	cccaagaagc	cctcggtgc	ttactcgata	aagagcctca	240
gaagatgatt	gaaccacaaa	gaaatcagg	tttcatctt	caaacattag	ccaccttcta	300
cgtaaagtat	gtgcagatct	ttagaaaacct	agagaatgtc	tacgaccagt	tgcgtccaccc	360
ccagaaacga	atactgatca	ggaaagtcc	tgacggngt	atggggcgc	tcc	413

<210> 106  
 <211> 412  
 <212> DNA  
 <213> Homo sapiens

<400> 106

aggatcccat	cgattcta	at tcggcacg	ag ctccataagg	ca gaggtcta	tgcgaggac	60
cccggtt	gga	ccacgagacc	gcccatgtat	tgcgtgg	caagaattcc	120
aggcagt	gaa	acgactaata	gctaaagta	atacagaaga	actacaaaa	180
tccgaat	gga	tttgtgaca	gctggctcc	gagctgctat	gggacttgg	240
tgaatgactt	gaccatc	cagactacac	agggatttt	cagatacctg	aaaaaacaat	300
tca	gtgactt	atagcagaaa	ggcatccg	tca	tttatgac	360
gaggggtt	tag	catcaaaagg	tttgc	ccgac	ttgtgcac	412

<210> 107  
 <211> 408  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(408)  
 <223> n = A,T,C or G

<400> 107

ggcacgagga	aaaaccagg	tt tctttt	tgtctgttac	taatctctat	tctaaagatt	60
cagctcaatt	ctcaaccata	ctccaaactc	tcttttcc	agctacctt	actcccttc	120
cttcaattcc	actttcct	ct	gttacnnnn	nnnnnnncnn	nnnnnnnnnn	180
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnngnn	240
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	300
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	360
tttcat	aaa	gagagaaatc	acctattcag	gaccggcccc	cactttg	408

<210> 108  
 <211> 405  
 <212> DNA  
 <213> Homo sapiens

<400> 108

ggcacgagc	ttacaggg	gt gaccagg	ccctc	taact	cgaccgc	60
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gctggcttgg gagggaggct gtccgatgtc gacattcccc ttaacatggc cctgaccgtg	120
gctgtcaggg gccaccttc ctcaccaggc cagccccact gggaatgggg tcagtcacag	180
cagaaccgtc caaaggtgaa cctgatgtgg gcccgtccgg gggcgcttgg cctcagcggg	240
ccatgggaga cccagtgaaa cgactctagt gtgaggcagt ggtcctgcca ctgactgaca	300
aacctcttt gtaagcaaac ttgacaaata atgaatctac tgaactctgt tatagaacaa	360
gctcattctg catgaacttc tcttattgaa gcagaagcca cgtca	405
<210> 109	
<211> 403	
<212> DNA	
<213> Homo sapiens	
<220>	
<221> misc_feature	
<222> (1)...(403)	
<223> n = A,T,C or G	
<400> 109	
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gctcaaggag cagactgcgt acccccccac acactacatc cggagggtgc cccagaggaa	120
gatccactac ttacgggcc tgcaggcgct tcagctgctg ctgctgtgt cttcggcat	180
gagctccctg ccctacatga agatgatctt tccctcattc atgatcgcca tgatccccat	240
ccgctatatac ctgctgcccc gaatcattga agccaagtac ttggatgtca tggacgctga	300
gcacaggcct tgactggcag accctgccc cggccattc gccagccctc cacgtactcc	360
caagctggct ctgaaactgt gaggaaagg ggaagatgtg tgg	403
<210> 110	
<211> 397	
<212> DNA	
<213> Homo sapiens	
<400> 110	
ggcacgagtc tgcttctgtc actgtcacat agacagccct gcatcccccc tgcacac	60
agggtgtaat gaagacagct ctttcatac tttccataag cctgagatac aagttcagg	120
actcagcaat gcactttagg actgagctag gaggcaataa tctgaagctt gctatgctgt	180
tctttccatt cttttccct ctgaaacaca caaaatacca aaggaactta cgcaacacac	240
cactgagtc tctaactaat catatgtct cagacacagc tcaaggcacac cccttagtta	300
agaaaagaacc tccatataca ttaattttt tctgcctaaa aataaaattt cgttgtggca	360
gcaatttggaa aactacagca aagtctccaa aaaaatc	397
<210> 111	
<211> 401	
<212> DNA	
<213> Homo sapiens	
<220>	
<221> misc_feature	
<222> (1)...(401)	
<223> n = A,T,C or G	
<400> 111	
ggcacgagag ccgttgccctt caccggccctt ttcctttttt aacgctcttg	60
ggggttatgt ccgtgtcttc ttgggtgccg agacatatacg atgggtgtct cggggccagcc	120
cctcccttc cccgccttcg ggaggaggag gtcacacgct gatgggcact ggagaggcca	180
gaagagactc acaggagccgg gctgccttcc gcctggggct ccctgtgacc tctcgttccc	240
ctggcccgcc cagccacccgt ccccaacacc caagcatgca attgcctgtc cccccccggcc	300
agcctcccca acttgatgtt tgcgtttgt ttggggggat atttttcata attattnnn	360
nnn c	401
<210> 112	

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<211> 401
<212> DNA
<213> Homo sapiens

<400> 112
ggcacgaggg cagtccagca acaaggcctt catttacatt aaattataac ttttcattca      60
ttccttaacc aaacttaaaa ttctgtttc cttagatgg aaggtattta acttggtttg      120
ttttccttc agaaggaatt taatgcaaac ggattgcagt cagcacttcc tgaatgttt      180
cacacagtat gcaaagctt catcatacca aggagtggag agttgaagtt tcctcccagt      240
gactccagtg acagaccaca cctagaaagc gtttctttc ctgagttttt caaaaagatg      300
taaaagagct ggggagagta tggaagaaaa caatacagga ttgcctttaa ttaattaaga      360
attgcctcct gataaaaagga aaaagaaatt aatgctggag g                                401

<210> 113
<211> 401
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(401)
<223> n = A,T,C or G

<400> 113
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ctggagcagg tgggcacccat ggctttgtgg gccagccaaa gggaaaagga ggtgctttagg      120
agggaaaggg cagtggatg gcgggagagg gctgtggaaa aaaggagcg agccctggag      180
gaggtggaaa gggccatctt ggagatgaaag tggaaaggta gggctgagaa ggaggcatgc      240
cagcgggaga aagagctgcc tgcagcagta catcccttcc attttgttta aattgggctt      300
ggagaatcta ttctgaaaac attgactcta gacttgtaga anagagccat ttaattttc      360
acctcaatg gtaaaagcaa gggtaattt gttgacattt t                                401

<210> 114
<211> 399
<212> DNA
<213> Homo sapiens

<400> 114
ggcacgagag cagaagattt tctcagtccct gtttctccc tccagaagac cccccaccca      60
aatcctctgt agtccctgtt agtgccttga cccctgtgc caccgtcctt cagagagcaa      120
cggaagagct tcccggaggg cgaggaaaag agggaaagta gccagcaatg tcgaacgcaa      180
tgtataataa gatgtggcat cagacccaaag aagcccttgg tgctttaactc gataaagagc      240
ctcagaagat gattgaacca caaagaaaatc aggttttcat ctttcaaaca tttagccacct      300
tctacgtaaa gtatgtgcag atctttagaa accttagagaa tggctacgac caggtcgtcc      360
accccaagaa acgaaatactg atcaggaaag tcctggacg                                399

<210> 115
<211> 399
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(399)
<223> n = A,T,C or G

<400> 115
ggcacgaggc ttttccaac tttaaggat atcaggagag aagacactct tgatgtggag      60
gtttctgcca gtggctacac aaaggaaatg caggcagatg atgaactgct tcatttcattt      120
ggtcacatg ataaaaatat taaaacaaaa gagggatctg aatttcattt ttcagatgga      180

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gaagtggcag	aaaaagcaga	ggttacagg	tcagaaaatg	aaagtgaacg	gaactgtcta	240
gaagaatcg	agggctgcta	ttgcagatca	tctggagacc	ctgaacaaat	aaaggaagac	300
agtttatcg	aagagagtgc	tgatgcacgg	agttttgaaa	tgactgaatt	aatcaagct	360
ttataagaaa	taaaaggcga	ggttggtaa	aacaactcn			399
<210>	116					
<211>	400					
<212>	DNA					
<213>	Homo sapiens					
<400>	116					
ggcacgagcg	gaccgggccc	agccgggccc	ccggggcgca	gtcttaacc	atggcgtccc	60
tcttcagaa	aaaaactgtg	gatgatgtaa	taaaggaaca	gaatcgagag	ttacgaggt	120
cacagagggc	tataatcaga	gatcgagcg	cttagagaaa	acaagaaaaaa	cagctggaaat	180
tagaaattaa	aaaaatggcc	aagatggta	ataaggaagc	ttgcaaagt	ttagccaaac	240
aacttgtgca	tctacggaaa	cagaagacga	gaactttgc	tgtaagttca	aaagttactt	300
ctatgtctac	acaaacaaaaa	gtgatgaatt	cccaaata	gatggctgga	gcaatgtcta	360
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<212>	DNA					
<213>	Homo sapiens					
<400>	117					
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ggacggggtc	ctcaactgagg	ccatgatgga	ccctgtgtg	caagatgctg	tccagcagta	120
ccgacagaag	atgcgctggc	tgaaggcgg	ggggcctgg	cgcggggtcg	agcacccccct	180
atccggagtc	caaggcgaga	ccctcacctc	atggagcctg	gccacggacc	cctcctaccc	240
ctgccttgcc	ggccctgtca	catttagat	atgcctctgg	atggggactg	ggctgtgccc	300
agggcctctg	tccccccagga	tgtctgtgg	ttgcggctgg	ccgttctgcc	ccccagggca	360
ccccctgttg	taggcactgg	ctctaggagg	gcaggcctcc	tt		402
<210>	118					
<211>	395					
<212>	DNA					
<213>	Homo sapiens					
<400>	118					
ggcacgaggt	agagatacga	atgggtgt	gtagccact	gctgcaggc	accccccagg	60
tatgtggaca	gagctaagcc	caaagggt	atttccact	ctgttctgtc	catgtcgagg	120
gaagataagt	agaaagtgc	acagtaagag	ccagaataca	ccaggtgaag	gagagaattt	180
cattgtgttt	tgagaagt	cactgacaag	ttatcctgg	ctgtggaca	tcactagctt	240
tgaaagtgt	gctggcacct	cgtccatcta	atttgatgg	tgtgtgtgg	gtgttgggca	300
cgcgtcggcc	tagcagatct	gaaccagg	gatttctgtt	ctcaggaagc	tttttaggtga	360
caaggatcg	gcatgtgaac	aaataaccat	actgg			395
<210>	119					
<211>	144					
<212>	DNA					
<213>	Homo sapiens					
<220>						
<221>	misc_feature					
<222>	(1)...(144)					
<223>	n = A,T,C or G					
<400>	119					
ccggtaagga	atatacttct	tctgatacta	aatatgccaa	tatttaaaat	gtaatattca	60
gggattacaa	ctgtgaggc	taaacacacg	gaattaccca	ccaattcctc	tgtagttctc	120

tactaattca attttgcatc ctcn

144

<210> 120

<211> 392

<212> DNA

<213> Homo sapiens

<400> 120

ggcacgagac caggtcataa gaggatccgt tccaatgatt ttctaaaac aatggaaagt	60
ttttccaaag agttataag gcattgttagg atctggcctg ccctgactcc actttaccag	120
aaccatctgc tgcttctc tcttgtta ctaaggtat tagctgtgt ggcaaataa	180
ctctgaaatc tccgtgact aataacaagag aggttttattt cttaactcacg ctgggtgcac	240
tgccacttgg taacagagga gctatggaaa cttgagacct aagcagaaat gagttcaata	300
atattgtctac actctaggac ttctccaaa attaacaaca gaacaaaagt gcaaggcagt	360
gataaccat ctgacagcat ttggggagtg tt	392

<210> 121

<211> 395

<212> DNA

<213> Homo sapiens

<400> 121

ggcacgagat caatcacaaa agtttatcct taagacttcc cttagctgc tggaaggcag	60
tcatacacatc tgtaaaaaga gtgctagtta taacaaatga gatcacaat ttgaccattt	120
tattagacac cctctattag tgttaacaga caaagatgaa ggtaagttg aaatcaaatt	180
gaaatcatct tccctctgtc cagattgcaa tatctgataa taccctcaac ttcttggtg	240
caaattaatt gcctggact cacagtccag tgttaacagg caataatggt gtgattccag	300
aggagaggac tagtggcag gaaaataaat gagattagca gtatttgatt ggagccataa	360
gcataatttgc ttccggcg cgccaggtt taaaaa	395

<210> 122

<211> 288

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(288)

<223> n = A,T,C or G

<400> 122

cgcggcgcc tctctgttct ctctcgcg cggtgtctct ctgcatacgag tgcgcgacct	60
gcacaccctc tgtgtgggt tctcgctccc cgtgtgcgcg cgccgcgcgt ctctgtggga	120
ctcgacaca cccgcgcgcgc gcgcgcgtctc tgtggggggg ccctccccgc accttgcgt	180
tgtgtgtctg tgttatctct gtgagatgtg cgtgnnnnnnnnnnnntctgt gtgtgtgtct	240
gccctccgcgc ccgtgtctgt tatatatgcg ctgcgtcgct gggcgcg	288

<210> 123

<211> 393

<212> DNA

<213> Homo sapiens

<400> 123

ggcacgagga tccattcttc gaccccccaga tgtgactcta aagaaggctg aaaatttttg	60
tccaaattgc catgcagata tcttgaacag caggacattt gcaggccttgc tctactggac	120
ttttctccca aacaggacaa gcccaggcag ggctgcatttgg agaggaatgg aacctggagc	180
tagaattaat tgcccactct cccaccctac cagtgcagcc cggcaagggc aggaattggg	240
aggcctaagg tgggcatgaa agcttggaa gcaactgtcg tctctcagaca ggcgtcctaa	300
agacctctag gcttggaaacttgc tgggcatgaa agtggatccg ggaccgaggg tggctcttt	360
gacaacccca ggaacttggaa ccaaggcaga gcc	393

<210> 124	
<211> 394	
<212> DNA	
<213> Homo sapiens	
<400> 124	
ccgcgacgag atgatgatct gcttctcca ttatgccag atgataaaaa ggattgatac	60
aaaagaggga tctgaattct catttcaga tggagaagt gccgaaaaag cagaggttta	120
caggtcagaa aatgaaagt aacgaaactg cctagaagaa tcagagggct gctattgcag	180
atcatctgga gaccctgaac aaataaagga cgacagttt tcagaagaga gtgctgatgc	240
acggagttt gaaatgactg aactcaatca agcttttagaa gaaataaaag ggcaggctgt	300
tgaaaacacc tctgttaactg aattttctga ggagaaaacac cgaacttgaa attcacaccg	360
gcctaattgtc caagaattca aggggggtc cctc	394
<210> 125	
<211> 390	
<212> DNA	
<213> Homo sapiens	
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<222> (1)...(390)	
<223> n = A,T,C or G	
<400> 125	
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ctatttcca gaagcacgta gttctaactt nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	180
nnnnnnnnnn nnnnnnaactt taticaaagta cttcacattt taagtggaca ttccatttgc	240
ctgctataat ttacaattat agcaatactt tgagaaaagt ctttgcattt atatccatat	300
gaactaatgt ctatgttagaa gatatgctgg ctcaaatatt atgtacattt aatgtcttaa	360
taaacaccgc tagattactt tccaggaagc	390
<210> 126	
<211> 388	
<212> DNA	
<213> Homo sapiens	
<400> 126	
ggcacgaggt cagcacacat tacttaaca ctttgactt gaaattctga aagatcagaa	60
attccttact gtttgagatg attaggtttt aggactagc cattttatct cacatgactc	120
aggccttaat gctccattgc taatagctaa atgtggaaaa gtttagaatt acatttaatt	180
tagtcaactg ttaggctgca atcattttt tttaaaaatc tgcttatggc attattcgag	240
ataacttgac caactctaaa atatatatgt aattactct agatgttaatg agttttcat	300
attaacaaca caatcaggct ctgttcagt tagttcttag agtggtaaaa aaaaatctt	360
acagtaagtg caaaattata atccaagg	388
<210> 127	
<211> 388	
<212> DNA	
<213> Homo sapiens	
<400> 127	
ggcacgagag ttaatccaaa agacttccct tcagctgctg gaaatcagtc atcacatctg	60
tgaaaagagt gctagttata acaaatgaga tcacaaattt gaccattttt ttagacaccc	120
tctatttagt ttaacagaca aagatgaagg ttaagttgaa atcaaatttga aatcatttc	180
cctctgtaca gattgcaata tctgataata ccctcaacctt tcttggtgca attaattgc	240
ctggtaactca cagtccagtg ttaacaggca ataatgggtt gattccagag gagaggacta	300
ggtggcagga aaataaatgt gatttagcagt atttgacttg gagccatagg catcaattct	360

gctccagctg tcgaccagg tctaaaaa	388
<210> 128	
<211> 267	
<212> DNA	
<213> Homo sapiens	
<220>	
<221> misc_feature	
<222> (1)...(267)	
<223> n = A,T,C or G	
<400> 128	
actgtgtgtg tgtctgttt ctctctctc cttctcagtc acactttttt ttggggacac	60
accctccatc cgcggggggg ttttttccc ggcgcgcgc cttttttttt gtgtgtttct	120
ctgcgcgcct ctctttttc tctcttcc ccccccgctt annnnnnnnn nnnnnnngcgg	180
gggggggtttt cgcgcgttcc nnnnnnnnnn nnctcttccg cccccccaca ggggggtgct	240
gtttattatc tttcttttcc cctgagc	267
<210> 129	
<211> 389	
<212> DNA	
<213> Homo sapiens	
<400> 129	
ggcacagact tgactgcaaa cttgctgaag gtagggactg tttgtcttgg acttcgctgc	60
cagtccttag aacagtgtct gggacacagt gtgttctcaa atatttggttt ctgaaataaa	120
tgaatgaact aaatcagtc tttaggatt tactgttaac caccatggga aaattaaata	180
aatgcgggaa aggaaaacgt tctaaaatta gaagactact ttctactctc agcttctgat	240
tccctctgag ctaagaacca gacagccta ggctggtaac tcctataagc tggtcctcct	300
cccatgctga ccccatctt actgtacaat tcactttca tggactgaag gcaccaccaa	360
gatagatcca ggagtgacaa ctccagtg	389
<210> 130	
<211> 319	
<212> DNA	
<213> Homo sapiens	
<400> 130	
tgttgtaact gggagtggag gcccagtggc tggggagaca ttaggtggtg gggcccgacc	60
cgcacctccag gttcttcctt ctccctagct gttgtttgg tctggccact cccagcccc	120
tttgtccctt ggaagcttgc cctgccctca tcttgcccat gccttctact gccaggagac	180
ttgcacccat ttcaacccta ggggggggca aagtggggca aggtggacc agcagaaggg	240
ggtaaggct ctgttactt cccctgcct ccacagaacg aagccacgga ttccgttattc	300
ttcctccagt tttgttcct	319
<210> 131	
<211> 385	
<212> DNA	
<213> Homo sapiens	
<400> 131	
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gagaagacac tcttgatgtg gaggttctg ccagtggcta cacaaaggaa atgcaggcag	120
atgtatgtact gcttcatcca ttagtccag atgataaaaa tattgaaaca aaagagggat	180
ctgaattctc attttcagat ggagaagtgg cagaaaaagc agaggtttac aggtcagaaa	240
atgaaagtga acggaaactgt ctagaagaat cagaggcgtg ctattgcaga tcatctggag	300
accctgaaca aataaaaggaa gacagtttat cagaagagag tgctgatgca cggagtttg	360
aatgactga attcaatcaa gcttt	385

<210> 132	
<211> 383	
<212> DNA	
<213> Homo sapiens	
<220>	
<221> misc_feature	
<222> (1)...(383)	
<223> n = A,T,C or G	
<400> 132	
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tggcctgtga catactgtct tgtttctgag aatcctcccc tacttctcta gataatctcc	120
aaacacttct gtgactactt aatcacaaaag gaaattttca ggagatataa tcgaattcta	180
ttttacaaaaaaa aaaaagagaa gggatctgaa tgtttcaagt tcacgctagg gatcnnnnnn	240
nnnnnnnnnc ccaaaccctga cgtttgagga cccgcctttt ttcagccaa tttaaaagat	300
tttttaaggt ttagggttgg ttggccatta aaccatcccc ggaaagaaaa tgggggtaaa	360
agaccaagaa ggaggtcgcc aag	383
<210> 133	
<211> 382	
<212> DNA	
<213> Homo sapiens	
<400> 133	
ggcacgagat aagatctgag gtgttacaca cataattgtc ccaattttta agattgatgg	60
ggagcatgaa gcattttttt aatgtgttgg caggccccat taaatgcata aactgcata	120
gactcatgtg gtctgaatgt attttagggc tttctggaa ttgtcttgac agagaacctc	180
agctggacaa agcagccctg atctgagtga gctaactgac acaatgaaac tgtcaggcat	240
ttttctgctc ctctctctgg ctctttctg ctttttaaca ggtgtcttca gtcaggagg	300
acaggttgac tgtggtgagt tccaggacac caaggtctac tgcactcgaa aatctaacc	360
acactggggc cttgaatggc ca	382
<210> 134	
<211> 375	
<212> DNA	
<213> Homo sapiens	
<400> 134	
ggcacgagca agcctttcat ttacattaaa ttataacttt tcatttcattc ctaaacaaa	60
cttaaaattc tgcttcctt tgagtagaag gtatTTAact tgTTTGTt ttccttcaga	120
aggaatttaa tgccaaacgga ttgcagttag cactttctga atgtttcac acagtatgca	180
aagcttacat cataccaagg agtggagagt tgaagttcc tcccagttag tccagtgaca	240
gaccacaccc agaaaagcgtt tctttcctg agtatttcaa aaagatgtaa aagagctgg	300
gagagtatgg gaagaaaacaa tacaggatttgc ctttaatta attaagaatt gcctcctgat	360
aaaaggaaaa agaaaa	375
<210> 135	
<211> 376	
<212> DNA	
<213> Homo sapiens	
<400> 135	
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ccagagtctg gaggcagctg agatagagcc ggaggccccag gcccagaggt cgcccaggcc	120
cacgggctca gatctgctcc ctggagcccc catcctca gatctgctcc cttacatctg	180
ccctgaccgg cagttgcgtc gctatttggt gctggagctt gatgcccacg cagctgtcca	240
ggagctgctt gccgtgttga ccccaagtca caatgtggctt gttccctgc aggatctgag	300
tggcatagag ctggccctgg caggccagag cctgcggcta gatgtggcag ctggggcgg	360
ccgctgtgtg ctgctg	376

<210> 136  
 <211> 371  
 <212> DNA  
 <213> Homo sapiens

<400> 136  
 ggcacgaggt cacctctacc agccctcctt tctccagatg gcttcttcatt aaccaccagg 60  
 tcagaagagg atccgttcca atgattttcc taaaacaatg gaagtgtttt ccaaagagct 120  
 tataaggcat tgttaggatct ggcctgcctt gactccactt taccagaacc atctgctgct 180  
 cttctctctt gtgttactca aggtattagc tgctgtggca aatcaactct gaaatctcg 240  
 tgacttaata caagagaggt ttatttctta ctcacgctgg gtgcactgcc acttggtaac 300  
 agaggagcta tggaaacttg agacctaagc agaaatgagt tcaataatat tgctacactc 360  
 taggactttc t 371

<210> 137  
 <211> 258  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(258)  
 <223> n = A,T,C or G

<400> 137  
 cagtttcttt gtgcgcgcgc cccccctttt ttctctctct ctccgcgcgg gcgtgtccct 60  
 ccnnnnnnnn nnctgtgtgt ggcctctctc cgccccatat atattgtgtt ttctctgtg 120  
 gannnnnnnnn nntctctcta gagtttttc tctccctcg cgcgacatt gttatacact 180  
 cctccctctt ctttctttt acacacacat atatattgcg cccctctccc cccacacatt 240  
 tatatctctc tcacatct 258

<210> 138  
 <211> 368  
 <212> DNA  
 <213> Homo sapiens

<400> 138  
 ggcacgagac attttgagac ttcttccaaa ttggccctta gaaagttaca ctggtttgta 60  
 ctctactta tgcactgtt tataccacca ctgactgctg cctgctttat tatttcttta 120  
 atgagttgga ctgaacagt gttaatcctg actctgttt tgactgacag ttaacagtta 180  
 catgaaccat tcataattaca gctcttactt aaatttgacc aagccaggat atatctgtt 240  
 ggcacattc atttagggat catgtttcc aaagcagggt tgggcaaaat taatccacag 300  
 gactgaaagg tatacatctg tgagtttgt tctcacttcc acctctaatt tgaagaacac 360  
 tttaattt 368

<210> 139  
 <211> 372  
 <212> DNA  
 <213> Homo sapiens

<400> 139  
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 gggcttagga tgccttctg ctcgagggga ccaacgcgcg gattcgctat gccttggcca 120  
 ttatcttgta caacgagaag gacatcttga ggctacagaa tggctggaa atctaccagg 180  
 acctgcgtt cttcacaat accaactcca ttagccggaa gctgatgaac attgccttca 240  
 atgacatgaa cccctccgc atgaaactat tgcggcagct gtgcattggcc caccgtgagc 300  
 ggctggaggc tgatctgccc gagctggagc aacttaagcc aaagtacctg gctaggcagg 360  
 catccggcg ca 372

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<210> 140
<211> 365
<212> DNA
<213> Homo sapiens

<400> 140
ggcacgaggc tgagagtgt tgatacaccc ttgaatcccc tcttatatga tgccccagcc      60
caggagagat aaaagcatca gcaccatgag attcacctgc ctctggtcgt taggaaaca      120
tggaggcctg cgatttggag ttaaactctc agtgatctc gtgttgcacaa caccaaagct     180
agagaatcc agtaggatgt gggcatggtt ttcccggaaag gctgactgag cagttctgca     240
aattttgca agtacaggc agaatttcat ccagcctcag aaccttgagc caagactca     300
catcagcaaa gccaaaaggc tcatttctt gactgtggga gtgctagtcc caacctttag     360
atggc                                         365

<210> 141
<211> 353
<212> DNA
<213> Homo sapiens

<400> 141
ggcacgagaa acaaaaagaga gcaagagaga agacagtggg tgaagtctcg gttccagact      60
ccccttttg ccgggatatg atggatctgt cagctggtga ggccctctca agaggggtgg     120
tatcttcggg ccagggtgcct agagtcctag agagcttagag atggagggaa attcagatca     180
tctaaaccct tcagcccttc actggacaga agaggaaact gaggctccat ctgcatgacg     240
ttccagagt cacggcacaattcatggaa gaagcagca gaaactcagt tctccagtct     300
gggtccaatg tgtgttttag aaatatctcc acagggttaa tgactcaatt ttt             353

<210> 142
<211> 352
<212> DNA
<213> Homo sapiens

<400> 142
ggcacgaggc cactcgggg cccaggaacc cctcagttag ggcttctcag tcactgagcg      60
gaaggtgccccc ccagaggggg cagccgcctg tgaggagcag gcgtgtctgg gtaaccatgt    120
ggctcctgct ggcctccct gcctgtcccc aaagcacagg gctcaactcc agagggagac     180
gggctggct gtcagtggtc ccagggtcat cccactttcc agcagactt ggtgccagca     240
gaggctgcag gtgtggcagg agggggccca gccgtgaggg caccaggttc aggccggca     300
tctcagggtg gagagccagg gctgtcctga acctccagag ggggtgagct gg             352

<210> 143
<211> 470
<212> DNA
<213> Homo sapiens

<400> 143
gacttctgtc ttttagat cccatcgact tcaattcggc acgaggtcat gagaaaggaa      60
ccaatggagt atgagaagg tccagtgaaa aacagaaaaga atccagtata atttatttag     120
ggaagaggaa aagatgttt cggggggcc ttggaaatgtg acgttgaagg actactgaga     180
ttgggtcaag aaactgtgaa gggaaagaaa gggttataact gagaaatgga agagataatt     240
ttagaaactt gcaaaaaatg gcttaatcta aatgatgttt aggggagata cagctgtgat     300
gataaggtga gtcacatgg tggagagcca cagttcgccc tgcttgcact gataatgtga     360
ggcgtggag acagacaata agttaatgc tcttttttca acaaaggaag ctaaaaggga     420
ggggatgct aatttgcata atacgttgg gaaaacttat attttcttgg                         470

<210> 144
<211> 456
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(456)
<223> n = A,T,C or G

<400> 144
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caccgtgtt cttcatccgg ctgcacccccc aacagagctc tttctccccc agatcccttt    120
tacagttgga ttctccctct tggatctggc tctgccttag tccgacctag agggatcagc    180
ttcgcccacg cccactctca cccgaaacct ttcatctctt attgaagcct tttaggccca    240
ttggatgtt cattagaact ctgaaaacta cagttctccc ctttatgagg actgcaccac    300
agctcgcctt ctccctgggtt ccgcctgggtt gcagagttag cccatgggac agccctctga   360
aattatactg ttacaaccca tgctgagttt gcaaggactt cgtccaagcc tttccgtcca    420
ggacctaataa cagatccaaat cacaagaaga gagatn                                456

<210> 145
<211> 464
<212> DNA
<213> Homo sapiens

<400> 145
atcgccccata cggcgagccc accgacgcga attcggcacg aggggaaaca caggccttt      60
ctgcttttag .gaccctcccc ctgccttgca gggggctcgg ggagagcaat atcaggagct    120
agggcttgcgct gctgcccaca ctccctgcctt ttggatatac taactgctaa ggagggagtt  180
gacatcccccc ttctggctca tggatctgac accaacaaca tgggctctgt ccctctctt    240
ttgactctcc ctggatcttc cccatacagc tgggggtgggg tggatcccta tacctgggac   300
aggcagcccc aaagtgggttgg agggggatgg caaagactgt ataggcgcca ctggactctg  360
gcaaggcctt tattacctt actcccttc ctctccatc accagcctca aggccctgagg     420
tgtcagggg ctccctggcag ctactgagtg agggttcctg gtcg                                464

<210> 146
<211> 448
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(448)
<223> n = A,T,C or G

<400> 146
ggcacgagct gcactgagca gcaccgggt tttcatccg gctgcacccca aacagagct      60
ctttcttccc cagatccctt ttacagttgg attctccctc ttggatctgg ctctgcctta    120
gtccgaccta gaggatcag ctgcggccac gcccactctc acccggaaacc tttcatctt    180
tattgaagcc tttaggccc attggatgt tcattagaac tctgaaaact acagttctcc    240
cctttatgag gactgcacca cagctgccc tctccctgggt tccgcctgggt tgcagagtga  300
gcccattgggaa cagccctctg aaattataact gttacaacc atgctgagtc tgcaaggact 360
tcgtccaagc ctggatcttc aggacctcaa acagatccaa tcacaagaag agagattca   420
ggaaagagaa nattattcct atcatcgn                                448

<210> 147
<211> 439
<212> DNA
<213> Homo sapiens

<400> 147
ggcacgagga aagttaagca actacaggaa atggctttgg gagttccaaat atcagtctat  60
cttttattca acgcaatgac agcactgacc gaagaggcag ccgtgactgt aacaccccca 120
atcacagccc agcaagctga caacatagaa ggacccatag ctttgcgtt ctcacacccctt 180
tgcctggaaatcataacac ttactgcattt aacggtgctt gtgcattcca ccatgagctt 240

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gagaaaagcca tctgcagggt ttttactgggt tatactggag aaagggtgtga gcacttgact	300
ttaacttcat atgctgtgga ttcttatgaa aaatacattt caattggat tggtgttggaa	360
ttactattaa gtggtttct tgttatccc tactgctata taagaagag gtgtctaaaa	420
ttgaaatcgc cttacaatg	439
<210> 148	
<211> 334	
<212> DNA	
<213> Homo sapiens	
<220>	
<221> misc_feature	
<222> (1)...(334)	
<223> n = A,T,C or G	
<400> 148	
ccccgcgcgc gctccctctc tatctttat acaaaaatata gagagcgcac atctctgtgt	60
gtgagagagt ctgtgcgcgc gcgcataatat atatgggagg ggtgtctccc cccatctgtg	120
tgtctctctt ctgcggggc atatgcgtgc gcacacccgc gcgcgtgtgc tctttgtgc	180
cnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	240
nnnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnncg cgcgacacaca cccacacacc	300
gtgtgttcta cagcgcgata aagagagaca caca	334
<210> 149	
<211> 428	
<212> DNA	
<213> Homo sapiens	
<400> 149	
ggcacgaggt cctgagcagc ctcatggag gtgaattaga gaaaacaaaa gagagcaaga	60
gagaagacag tgggtgaagt cctggttcca gactcccctt tttgcggga tatgtatggat	120
ctgtcagctg gtgccttagag tccttagagag ctagagatgg agggaaattc agatcatcta	180
aacccttcag cccttcactg gacagaagag gaaactgagg ctccatctgc atgacgttcc	240
cagagtcacg gcacaaattc atggaagaag cagcaggaaa ctcagttctc cagtcgtgggt	300
ccaatgtgtg ttttagaaat atctccacag gttaatgac tcaattttc atgcatgatt	360
gctagtaatg acaatcatgt tatgttttgt tctgttagctt tgaaatcac tccttccact	420
tgagtttc	428
<210> 150	
<211> 427	
<212> DNA	
<213> Homo sapiens	
<220>	
<221> misc_feature	
<222> (1)...(427)	
<223> n = A,T,C or G	
<400> 150	
cgcggccaaan nnnaatctt aaagggttaa gggagatacc tacctgtct ggttagggag	60
atgttgcgtt ttcatgtttt accagaaaat ccactccctt gccgacctta gtttcaaagc	120
ttattcttaa tttagagacaa gaaacctgtt tcaacttgaa gacaccgtat gaggtgaatg	180
gacagccagc caccacaatg aaagaaaatca aaccaggaaat aacctatgct gaacccacgc	240
ctcaatcgctc cccaagtgtt tcctgacacg catctttgtc tacagtgcac cacaactgaa	300
gaatgggtt caacttgacg cttgaaaat taccaaataa cgagctgcac ggccaagaga	360
gtcacaattc aggcaacagg agcgacggc caggaaagaa caccacccctt cacaatgaat	420
ttgacac	427
<210> 151	
<211> 437	

<212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(437)  
 <223> n = A,T,C or G

<400> 151  
 ccgagccgga tgnccctnnn gagtatngca angattccaa ttccggcacga gagacagtgg 60  
 catggagctt tgaaagacga gtaggttta gcaaggaaat aaggaggaac gggggttacg 120  
 ggcagaggag aaagcacatg ccaagtcagc aaagaaaagt agaattcgaa aacttttaa 180  
 aaatattact aaggattttc acaatgctgc actgggctag aaactgaagc taaaacagat 240  
 acgtggtccc tgctgctatg gggctacgt tctacaggca aggacagggt gtgatgaggg 300  
 ttctgaagga tagagaccaa gcatggaggg tggtagggag gcttctgcga gacctaattg 360  
 atgggaagcc acgaagtggg aggggtgggg gtccaggctg gaggggccca atgtatgtgt 420  
 agaggacta cagccct 437

<210> 152  
 <211> 425  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(425)  
 <223> n = A,T,C or G

<400> 152  
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 cttttccccc cagatccctt ttacagtgg attccccc ttggatctgg ctctgcctta 120  
 gtccgaccta gaggatcatg cttcgccccac gcccactctc acccggaaacc tttcatctct 180  
 tattgaagcc ttttaggccc attggatgt tcattagaac tctaaaaact acagttctcc 240  
 cctttatgag gactgcacca cagctcgccc tccctgggt tccgcctgggt tgcaaggact 300  
 gcccatggga cagccctctg aaattatact gttacaacc atgctgagtc tgcaaggact 360  
 tcgtccaagc cttccgtcc agggaccta acagatccaa tcacaagaag agagatttca 420  
 ggaan 425

<210> 153  
 <211> 421  
 <212> DNA  
 <213> Homo sapiens

<400> 153  
 ggcacgagcc gtggctgcct cgtgagcctc ccagagccca ggcctccgtg gcctccctcc 60  
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 ctgtgcacct ggcgaggctg aaggcaggg gtggaggagg ccccaagcaca gcctcatctc 180  
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<400> 154  
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tcagttcgc ccacgcccac tctcacccgg aaccttcat ctcttattga agccttttag	240
gcccatggg atgttcatta gaactctgaa aactacagg tctccctta tgaggactgc	300
accacagctc qcctctctt gggtccgccc tggttgcaag gtgagccat gggacagccc	360
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gtc	423
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tatacacaca cgtgtgtgt tgctgcctc cgaaaataca cactataaca aacgcactgt	180
gtgtgtgaga cacacactcc tctcccgag tggggagaga gagatgcgc tccactctta	240
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tgaggctctt tcctgatacc caactgtctcg agttcctgga tgtgcagaag cacttgtgc	360
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cccttccatg agccctcaac ctgggatctc gtgttatctt gttggaatgg acatttagtt	240
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agggctgct ccatgggggt cacacctctc tcctgtgggt tttcgctgggt gattgagttc	360
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cagctagctc cacaagagcc cttccatgag ccctcaacct gggatctcggt gatatcttgc	240
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<211> 417	
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<213> Homo sapiens	
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gagacttctg tgactactta atcacaaagg aaattttcag gaatattatc aaatactatt	180
tttagaaaaaa aaagagaagg gatttgaatg ttttcagttc agtttagtta tcnnnnnnnn	240
nnnnnnnccc caaactccag aatgggggcc ccccttctt taacccacc taaaatttt	300
tcggaggttc aggggtgggtt ggcaaaattac aaaaacccca aaagaaaatg ggggttaacc	360
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<212> DNA	
<213> Homo sapiens	
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<223> n = A,T,C or G	
<400> 161	
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tttcttgggc gccccctctt tttttttctt ttgcggggc cccccctgtg tgtctctctc	180
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<211> 411	
<212> DNA	
<213> Homo sapiens	



<210> 166  
 <211> 403  
 <212> DNA  
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<400> 166  
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 tgtggagcag atccgatgga gaggtgtgac tgctccagga cttggggtgg tatcacggca 180  
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 ttctgaggga cagcaatgag accaccggc tgcactctct ctctgtgagg gccaaagatt 300  
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 tctcatctt gaaggattt gccaagcatt ttgcaaatca gcg 403

<210> 167  
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 <212> DNA  
 <213> Homo sapiens

<400> 167  
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 cagccgcaca gaggtgtctc tgccaggta gtggttactt ggatgattgt acctgtgtatc 180  
 ttgaaaccat tgatagattt aataactaca gcttttccc aagactacaa aaacttcttg 240  
 aaagtgacta ctttaggtat tacaaggtaa acctgaagag gccgtgtcct ttctgaaatg 300  
 acatcagcca gtgtgaaaga agggactgtg ctgtcaaacc atgtcaatct gatgaagtcc 360  
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<210> 168  
 <211> 416  
 <212> DNA  
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<400> 168  
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 tttgatctg gggctgaatc acataggagt taaggaaatg aagttcctgt gtgaggctt 360  
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<210> 169  
 <211> 386  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(386)  
 <223> n = A,T,C or G

<400> 169  
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 aggaacgggg gttacgggca gaggagaaag cacatgcca gtcagcaaag aaaagttagaa 180  
 ttcgaaaact ttttaaaaat attactaagg atttcacaa tgctgcactg ggctagaaac 240  
 tgaagctaaa acagatacgt ggtccctgct gctatgggc ttccgttcta gaggcaagga 300  
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ctgcgagacc tgaaggatgg gaagcn

386

<210> 170

<211> 391

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(391)

<223> n = A,T,C or G

<400> 170

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gacttctgtg actacttaat cacaaggaa attttcagga atattatcaa atactatttt	180
agaaaaaaaaa agagaaggaa tttgaatgtt ttcagttcag ttttagtttac nnnnnnnnnnn	240
nnnnncccaa aactcaagat tggggcccccc ccctccttta accccgctaa aaagttttt	300
gggggttttag ggtgggttgg caaataacaa aaaaaaaaaa agaaaagggg ggttaaacccc	360
cttggaaaag ttccctaact ttggggggcg c	391

<210> 171

<211> 391

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(391)

<223> n = A,T,C or G

<400> 171

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catctgtcat ggaaccagaa tctaaatcca aataggctgt tgccagtaca gatggtaagt	180
acatgtactt ctggcaggaa agcagaataa aagttgactg aacctgaaag tctcgaaat	240
ggtctctca tttctattct gtaaagtgtc acgtcttcta ggcctacctc tgtcaatatt	300
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<210> 172

<211> 385

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(385)

<223> n = A,T,C or G

<400> 172

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ttcgaaaact tttaaaaat attactaagg attttcacaa tgctgcactg ggcttagaaac	180
tgaagctaaa acagatacgt ggtccctgct gctatgggc ttccgttcta gaggcaagga	240
cagttgtga tgagggttct gaaggataga gaccaagcag ggagggtgtt gaggaggctt	300
ctgcgagacc tgaaggatgg gaagccagga agtgggaggg gtgggggtnc aggctggagg	360
ggccaatgt angtgtaaag ggact	385

<210> 173

<211> 392  
 <212> DNA  
 <213> Homo sapiens

<400> 173  
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 cagatccctt ttacagttgg attctccctc ttggatctgg ctctgcctta gtccgaccta 180  
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<210> 174  
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 <212> DNA  
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<400> 174  
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 atgtacaaaa aggacettga actcttaaat tggaccagca aactgctgca gcgcaactct 180  
 catgcagatt tacatggac tggggagca atgaaagtaa acgtgtatct cttgttcatt 240  
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<210> 175  
 <211> 387  
 <212> DNA  
 <213> Homo sapiens

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 aggaacataa ggctgtggct agacacgagg ggtctcagg tcaatacatga ggactggctt 300  
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<210> 176  
 <211> 395  
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 ctcgtgggtgg gaatgcagag cccttgcctt tccttcttgc cgcctgcctt ctgttcctgg 300  
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<210> 177  
 <211> 388  
 <212> DNA  
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tcttgaaagt gactacttta ggtattacaa gtaaaacctg aagaggccgt gtcctttctg	300				
aatgacatc agccagtgtg gaagaaggga ctgtgtgtc aaaccatgtc aatctgtatga	360				
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<211> 399					
<212> DNA					
<213> Homo sapiens					
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<223> n = A,T,C or G					
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<211> 402					
<212> DNA					
<213> Homo sapiens					

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<210> 182	
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tccaccactg gccaaagaac atgcccagcag ctggccccc tccatcacca actccatgt	180
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gaccctcagga caccagaact ccgttcaacc tggagctgt tctccctgttcc accccctgttcc	300
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<211> 368	
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<213> Homo sapiens

<400> 185

ggcacgagac	ccggtccagg	tgcctacgt	cggcgcgagc	gcgcggcagg	tggagcacgt	60
gttgcgctg	ctgcgaggac	gccccggaaa	aacggtgat	ctgggctctg	gcgacggcag	120
gatcgctg	gcggcccaca	ggtgcggcct	ccgccccggcc	gtgggctacg	agctgaaccc	180
ctggctggtg	gcgctggcgc	ggctgcacgc	ctggagggccc	ggctgtgccg	gcagcgtctg	240
ctatcgccgc	aaggatctt	ggaaggtaac	ctggggatcc	ctggccaccc	gctgacagcc	300
caagggtcgg	ctgacacctg	cgagggctgg	gggccccggac	tcggaagctg	cgatgaccgg	360
tgcccac						368

<210> 186

<211> 375

<212> DNA

<213> Homo sapiens

<400> 186

ggcacgaggt	ctcacagagc	gagaaggtgt	caggagcagc	ccattttgtgt	ctctctctct	60
acctctgtga	agggcgcgaa	tggcagagc	agaacttcta	gaagggaaaga	tgagcacccaa	120
ggatccctca	gatctgtgga	gcagatccga	tggagaggct	gagctgctcc	aggacttggg	180
gtggtatcac	gcacaacctca	cacccatgc	tgctgaagct	cttctctct	caaattggatg	240
tgacggcagc	taccttctga	gggacagcaa	tgagaccacc	gggctgtact	ctctctctgt	300
gagggccaaa	gattctgtta	aacacttca	tgttgaatat	actggatatt	catttaaatt	360
tggtcttaat	gaatt					375

<210> 187

<211> 368

<212> DNA

<213> Homo sapiens

<400> 187

ggcacgaggc	cgtgcagagc	ctgtatggta	agcccttagg	gggctcaaag	gccggccagc	60
tcccaggaaa	gatgtgcact	gactttgaaa	cctgggactc	ctacagcccc	caaggaaggc	120
gccctgaaac	gcagggccct	aaatactgcc	actcttcctt	cgatccatc	actgttagaca	180
ggcaacagca	actgtacatt	tttaaaggga	gccatttctg	ggaggcggca	gctgatggca	240
acgactcaga	gccccgtcca	ctgcaggaaa	gatgggtcgg	gctgcccccc	aacattgagg	300
ctgcggcagc	gtcattgaat	gatggagatt	tctacttctt	caaagggggg	cgatgctgga	360
ggatccgg						368

<210> 188

<211> 436

<212> DNA

<213> Homo sapiens

<400> 188

ggcacgagaa	ggggctgggg	tgggctcagg	caaggcctgg	ggccctggcc	ttcttcctgg	60
cagggggagg	caggggactg	tgcagggct	cagggaggcc	tcccccacct	gccccctgac	120
cacacccact	ctgatgagc	tcatggcctc	ctggcaggtc	gacggaggag	atcatcgccc	180
tcttcatttc	catcacgtt	gtgctggatg	ccgtcaaggg	cacggtaaaa	atcttctgga	240
agtactacta	tggcattac	ttggacgact	atcacacaaa	aaggacttca	tcccttgtca	300
gcctgtcagg	cctccggcgc	agcctcaacg	ccagcctcca	cactgcccctc	aatgccagct	360
tcctcgccag	ccccacggag	ctgcctcgg	ccacacactc	aggccaggcg	accgccgtgc	420
tcagcctcct	catcat					436

<210> 189

<211> 435

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(435)  
 <223> n = A,T,C or G

<400> 189  
 ggcacgagac agacccttc ttccctaaagg ctttggca tcagacacat aaagggtata 60  
 tgttagtgtgg agcactaacc atggcagggt aatttattcc aggcacagag tcataattct 120  
 ggaacatct agactcactg cattaacaga gcattttgtt tctaaagtag acctcttatg 180  
 tcatccagat ttcactcatt ctgaccacag ccaggaagct gagggtaag ccagaattag 240  
 ctgaaaccca ccaagagctg catagagcac gttagctag agtaggagtt tgcaagtgc 300  
 atatggaaa tgctgctgct atacttttag gaatttctga gtcaattta gaaacatcta 360  
 gcacacttga aacactgcgt atcatntcc tcactcatga atatagtcat cagaattcat 420  
 aaatgttta cctga 435

<210> 190  
 <211> 437  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(437)  
 <223> n = A,T,C or G

<400> 190  
 ggcacgagat taggaccctt ctttggcaca ggggtgagaa agagcttggg gaacgcttgg 60  
 cattatggag ggcttggaaagg ggctcaaccc cgatttggag agaagttgg gatggagtgg 120  
 gcgagagatt gagagagcga gcaggaaaag aggtcttggc gcctggact gatgggtggat 180  
 aaggccttggaa aagaagatga cgaggaggag gagagagggg agtgggggtgg atgaggagca 240  
 ggcttgcacc tgggctgccc tcaatccccca aggccagggg gggcggngct ggccccttgg 300  
 aagaacttggg tctctgggct ccctatgcac tgcccaaact ggctgagcca ggagtggggc 360  
 aggaagttagt agtcaaggcc cagcaaaaagg agggggaggg gctgccaatt ataacccttg 420  
 gganggaccg gtttng 437

<210> 191  
 <211> 434  
 <212> DNA  
 <213> Homo sapiens

<400> 191  
 ggcacgagaa gaaactgtga agggaaagaa aggtttatac tgagaaatgg aagagataat 60  
 ttttagaaact tggaaaaat ggcttaatct aatgagtgt tagggagat acagttgtga 120  
 tgatagggtt agctcacatg gtggagagcc acagttggg gtgcttgcac tgataatgtg 180  
 agggcatggaa gacagacaat aggttgaatg ctctttttt aaaaaaggaa gtagaaagg 240  
 agggggatgt aaatttgata aataggttg tgaaaactta tattttcttg taaagagaga 300  
 gaactgagca tgggttaggt ataaggtaaa aaggcgtgaa gaggaatatt tgggttgataa 360  
 tgaaaagttagt cagcttagggaa agaaaaactcc cagaggaaga gggaggcaag gaaatcaaga 420  
 acacacttaa agt 434

<210> 192  
 <211> 323  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(323)  
 <223> n = A,T,C or G

<400> 192

gggtctctcg cccccctctc tctctttgt gtgtctctct ctctgtcccg tttgtgnnnn	60
nnnnnnnnnt ctctctatat ctcgcgcgcg cgcaactcccg tttgtgtgt tgaccccgcc	120 -
ccctcatgcg ctctctcatt ttgtggagaga gagaccgcta tctatctctc tctcccccgc	180
cctatacaca tctccctctc ttgtaaagag acgtgtgtgt gtctccacac cccttggcgc	240
cgcgcgcc acccccctctc ctgggggggg ttgtctctct gtatataat atgtgcacac	300
acgcgcgcgc gctctgtgtt gtt	323
<210> 193	
<211> 412	
<212> DNA	
<213> Homo sapiens	
<400> 193	
ggcacgagaa gggggcgta cagccgttgc catctgtgc cggagccggc acctggcgca	60
ggcctcccag gagctccagt gacagccccca tcccaggatg ggtgtctggg gagggtcaag	120
ggctggggct gagctttaaa atgggtccga cttgtccctc tctcagccct ccatggcctg	180
gcacgagggg atggggatgc ttccgcctt ccggggctgc tggcctggcc cttgagtggg	240
gcagcctcct tgcctggAAC tcactcactc tgggtgcctc ctccccaggt ggagggtgcca	300
ggaagctccc tccctcactg tggggcattt caccattcaa acaggtcgag ctgtgctcg	360
gtgctgccag ctgctcccaa ttgtggcgtatg tccgtggca gaatgacttt ta	412
<210> 194	
<211> 405	
<212> DNA	
<213> Homo sapiens	
<220>	
<221> misc_feature	
<222> (1)...(405)	
<223> n = A,T,C or G	
<400> 194	
cgttgtgtc ggtcagcaat gaaataaata tcttgttagaa ttgtcnnnnn nnnnnnnnnnn	60
nngaaccctc gggggccctt ttttcccgaa acccccactg gaaaaaaacc cttgggggggt	120
tggcaaaaacc ccccaataaa agggggggaa aaaaaggctt ttttggaaaa aatgggggggg	180
tctttgtctt ttttggaccc cttaaagcg gggaaaacca gtttaacccc ccccaaggggc	240
nnnnnnnnnnn gtttcagggc cnnnnnnnnn nnnnnnnnnnt tttttccctn tctcccttct	300
gtctcgcctt gtcgcgtgc cgttttctcg ttccactccc cccgttttg tactcccccc	360
gtgccgttga ggttccaccc tatttttcg cgccgggtgca ccccc	405
<210> 195	
<211> 400	
<212> DNA	
<213> Homo sapiens	
<220>	
<221> misc_feature	
<222> (1)...(400)	
<223> n = A,T,C or G	
<400> 195	
ggcacgagat taggaccctt cttggcaca ggggtgagaa agagcttggg gaacgcttgg	60
cattatggag ggctggaagg ggctcaaccc cgatttggag agaagttgg gatggagtgg	120
gcgagagatt gagagagcga cgaggaaaag aggtcttiga gcctggact gatgggtgat	180
aaggccttga aagaagatga cgaggaggag gagagaggaa agtgggtgg atgaggagca	240
ngctgacacc tgggtctgccc tcaatccccca aggccaggaa gggcggngct ggcccctgg	300
aagaactggg tctctggct ccctaggcac tgcccaaact ggctgagcca ggagtggggc	360
aagaaatgag agttcaggcc caacacaagg agggggaggg	400
<210> 196	



<210> 200  
 <211> 394  
 <212> DNA  
 <213> Homo sapiens

<400> 200  
 ggcacgagca gaaggcagcg gtctaggcga ggacgccccgg ctggaccagg agaccgccc 60  
 gtggctgcgc tgggacaaga attccctaac ttggaggca gtgaaacgac taatagcaga 120  
 aggttaataaa gaagaactac gaaaatgttt tggggccccga atggagttt ggacagctgg 180  
 cctccgagct gctatggac ctggaaatttc tcgtatgaat gacttgacca tcatccagac 240  
 tacacaggga ttttgcagat acctggaaaa acaattcagt gacttaaagc agaaaggcat 300  
 cgtgtcagt tttgacgccc gagctcatcc atccagtggg gtagcagca gaaggttgc 360  
 ccgacttgc gcaaccacat ttatcagtca gggg 394

<210> 201  
 <211> 391  
 <212> DNA  
 <213> Homo sapiens

<400> 201  
 ggcacgagca ggcgtgtctg ggtaaccatg tggctcctgc tggcctcccc tgcctgtccc 60  
 caaagcacag ggctcagctc cagagggaga cgggctggc tgcgtggcgtt cccaggtgca 120  
 tcccacttgc cagcagcact tggtgccagc agaggctgca ggtgtggcag gggggggccc 180  
 agccgtgagg gcaccaggtt caggccccgc atctcaggggtt ggagagccag gctgtcctg 240  
 aacctccaga gggggtgagc tgggaacttg tgcgtggggg cttttccaa aaggaaaaacg 300  
 ggagcttact gcgtcacggc tgatgccccca gacagcctcg aggatctgca gttcccccaga 360  
 caccaagcct ggggtgcctc cagcagacggc 391

<210> 202  
 <211> 392  
 <212> DNA  
 <213> Homo sapiens

<400> 202  
 ggcacgagat tctcagtaca ctaaacactt gttaagagtgtttaagag ccagagttag 60  
 tatcatgtgg gacacagacc ctttcttctt aaaggctttt tggcatcaga cacataaagg 120  
 gtatatgttag tggagcac taaccatggc agggtaattt attccaggca cagagtctata 180  
 attctggaaa catctagact cactgcatta acagagcatt ttgttctaa agtagacctc 240  
 ttatgtcatac cagatttcac tcattctgac cacagccagg aagctgaggg tgaagccaga 300  
 attagctgaa acccaccaag agctgcatac agcactttt gctagagtag gagtttgcag 360  
 tgctcatatg gaaatgctg ctgctataact tt 392

<210> 203  
 <211> 392  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(392)  
 <223> n = A,T,C or G

<400> 203  
 ggcacgagga ggagccccggcc ccggaggctg aggctctggc cgccagccccgg gagcggagca 60  
 gcccgttctt gagcggcctg gagctggta agcagggtgc cgaggcgccgc gtgttccctg 120  
 gcccgttcca gggccgcgcg gcgggtatca agcaccgctt ccccaagggc taccggcacc 180  
 cggcgcttggc ggcgcggctt ggcagacggc ggacgggtgca ggaggccccgg ggcgttccctc 240  
 gctgtcgccc cgcttggata tctggccctt tttttt tgcgtggactat gttccaaact 300  
 gcttatatat gaaagaaattt gaaaggctcag tgactgttcg agattatatt cagttccacta 360  
 tggagactga aaaaactccc cagggtctct cn 392

<210> 204  
 <211> 386  
 <212> DNA  
 <213> Homo sapiens

<400> 204  
 ggcacgagaa gccttaaacc gggaaatttc catgctatct agaggttttt gatgtcatct 60  
 taagaaaacac acttaagagc atcagattta ctgattgcat tttatgctt aagtacgaaa 120  
 gggtttgtgc caatattcac tacgtattat gcagtttata tatctttgtt atgtaaaact 180  
 ttaactgatt tctgtcatcc atcaatgagt agaagtaaat acattatagt tgatTTGCT 240  
 aaatcttaat ttAAAAGCCT cattttccca gaaatctaattattcagttt tcatacgaaa 300  
 tattttttta aaagtaagaa attctgagtt gtcttcttgg agctgttaggt cttgaagcag 360  
 caacgtctttt caggggttgg agacag 386

<210> 205  
 <211> 295  
 <212> DNA  
 <213> Homo sapiens

<400> 205  
 gcgctctctt cacacacaaa agatataatat atagaaaaggg agtgtggata tccccccctaa 60  
 atatgtgagc gtgtctctt cgaccgtctc ccccagagaa aatatctcta gagagagcac 120  
 aagtgtgttc tctgtgtctt gtgtgtgaga aaaaataagt gcccgcgcac acatagattt 180  
 ttatatacgct cccccccgcg cctttatata ttgtttttgtt gtgtatataat ttttataaca 240  
 aaaacatgtt tcttttgag gccccttaca aaaaaattt ttgtttttt gaacc 295

<210> 206  
 <211> 383  
 <212> DNA  
 <213> Homo sapiens

<400> 206  
 ggcacgaggta cccatcaag cccttgcaag tccccccactc aggccctctgg aaggccagg 60  
 gatgggctctt gatgagaggg taaaagatgc tcagggaaac acaggcctca gtcgcctaga 120  
 ggaccctccc cctgccttgc agtgggctcg ggttagagcag tatcaggagc tagggttgtc 180  
 tgctgcccac actcctgttttggatctt ctaactgtcta aggagggagt tgacatcccc 240  
 cttctggctc atgtgtctga caccaacaac atggctctctg tccctctctc ttgtactctc 300  
 cctttgtctt cccatagag ctgggggtggg gtggatccct atacctgggg caggcagccc 360  
 caaagtgggg gagggggatg gca 383

<210> 207  
 <211> 385  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(385)  
 <223> n = A,T,C or G

<400> 207  
 ggcacgagct tcaggataag aagctcatgg ccatgttccct agagtataac aaaggccatcc 60  
 ggaactacac ccgcttcgtactgggtacc tgtgggttca gatgtacaag gggactgtgt 120  
 ccatgccagt cttccagttcc ttggaggcct actggcctgg tcttcagagc ctcatggag 180  
 acattgacaa tgccatgagg accttcctca actactacac tgtatggaag cagtttgggg 240  
 ggctcccgga attctacaac attcctcagg gatacacagt ggagaagcga gagggctacc 300  
 cacttcggcc agaacttatt gaaagcgcac tgtacctcta ccgtgccacg gnngatcccc 360  
 ccctccttgcgactcgaa gatgg 385

<210> 208  
 <211> 374  
 <212> DNA  
 <213> Homo sapiens

<400> 208  
 ggcacgagcc tcagctgcct agaggaccct ccccctgcct tgcagtggc tcgggttagag  
 cagtatcagg agctagggtt gtctgctgcc cacactcctg ctttttggga tatctaactg  
 ctaaggaggg agttgacatc ccccttcctgg ctcatgtgtc tgacaccaac aacatggct  
 ctgtccctct ctcttgact ctcccttgt cctcccccata gagctgggtt ggggtggatc  
 cctataacctg gggcaggcag ccccaaagtg ggggaggggg atggcagaga ctgtaaaggc  
 gccactggac tctggcaagg ctttattac ctttactccc ctcctctcc catcaccagc  
 ctcaaggcct gagg 60  
 120  
 180  
 240  
 300  
 360  
 374

<210> 209  
 <211> 425  
 <212> DNA  
 <213> Homo sapiens

<400> 209  
 ggcacgagcc caagtgcctt ctgcagaggt tgcgttgga aaactgtcac cttacagaag  
 ccaattgcaa ggaccttgct gctgtgttg ttgtcagccg ggagctgaca caccgtgtct  
 tggccaagaa cccattggg aatacagggg tgaagtttct gtgtgagggc ttgaggtacc  
 ccgagtgtaa actgcagacc ttgggtgcctt ggaactgcga cataacttagc gatggctgt  
 gcgatctcac aaagcttctc caagaaaaat caagcctgtt gtgtttggat ctggggctga  
 atcacatagg agttaaggga atgaagtcc tgcgtgaggc ttggagggaa ccactgtgca  
 acttgagatg tctgtgttg tgggatgtt ccattccctcc gttcagttgt gaagacctct  
 gctct 60  
 120  
 180  
 240  
 300  
 360  
 420  
 425

<210> 210  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

<400> 210  
 ggcacgagga gcaaggaagt aatattgtca tatttgcagt tgagaatgat ccctgagtct  
 cggttttctt atctatgaaa tgaggctaaag aataataaaa tagagaatta aatgagataa  
 tgcctgtaaa cagtcctgg catatagctt attattcatc cagctaaagag gcccttccat  
 atgtgaagct ttgtctgtg aggtctgtat tacaatcaca ttcaattata gctaattatt  
 tacttatgtt gctatctctg aaacttagaa atgaaatcat cgagggaaaa gccattttct  
 tgatcctgtc tgcgtttccct gttcccaagca taaagctaa cacgtattag gctaattgtca  
 ccgagcaaaag aaagcatcaa agtggcgggtt cgggcc 60  
 120  
 180  
 240  
 300  
 360  
 396

<210> 211  
 <211> 267  
 <212> DNA  
 <213> Homo sapiens

<400> 211  
 tctctagaga cacacagaga gggtgagcgg ctctctcaca cgcaccccaag agtcaggcgc  
 gcacgctctc tctctctctc tctatccctc agaaagatct tccttttcc ctccctgt  
 gatgtagtga gagtttgatg catattgtc cgtgtccgccc cccacagacc ctctacctct  
 ctgtgctggc cctatctgtt gtgtatgttt ccctctctc ctcgcgcgc cacacgatgt  
 actttcttta tatgtatgtc cagttcc 60  
 120  
 180  
 240  
 267

<210> 212  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

<400> 212		
ggcacgagcc aggaggaccc tcgttcctc tccgcattgc ttgccacctc ttgttctga	60	
gagtccatct cagttcgtag ttctgtact tgcatgtacc tggctccaat caagctacaa	120	
ctcaagcagt cacggggaga aggattgtag atggccagt gactcacagg gtcaaggact	180	
cggggagcc tgagtcaagga ggtcagtggg cccttgaagg gagggggcaa gcctgggtgg	240	
gtaaaggttct gggccccagg caagaaggca gagtttctcc gcagggtgt gtcaagagc	300	
tagtcgcga gaaggctcc gctggctctc caagccggc ttgtgaaata ggaacgccaa	360	
catcctccctc cacaggcagt ggcaaggcacc tcctcc	396	
<210> 213		
<211> 284		
<212> DNA		
<213> Homo sapiens		
<220>		
<221> misc_feature		
<222> (1)...(284)		
<223> n = A,T,C or G		
<400> 213		
tgggctgtct cgccccctct ccctctctct ttgtactcac agtgaaaaat tatagtgttc	60	
gcgtgcgggg cgcgctcttt actttttttt ctctctcaca catatttata tatatagaga	120	
gagcctccga gcgcctgtcc cccctctct ctctctcttc tcacgtgtgt gcatcaccca	180	
ctcnnnnnnn nnnnctttc cagagatacg gggcttgg tccctccgctc tctctcacac	240	
gtctgtgcag cagaggacta ttttttctt tccccccgcgt cttn	284	
<210> 214		
<211> 440		
<212> DNA		
<213> Homo sapiens		
<220>		
<221> misc_feature		
<222> (1)...(440)		
<223> n = A,T,C or G		
<400> 214		
ggcacgaggg attgcagtca gcactttctg aatgtttca cacagtatgc aaagcttaca	60	
tcataccaag gaggggagag ttgaagtttc ctcccagtga ctccagtgc agaccacacc	120	
tagaaagcgt ttctcttcct gaggatttca aaaagatgtaa aagagactgg ggagagatag	180	
ggaagaaaaca atacaggatt gcctttaatt aattaagaat tgcctctga taaaaggaaa	240	
aagaaattaa tgctggagta tggagggtgt ataaccttaa agattataaa tatttgttgt	300	
ctataaatac ttataaatta taaacacaat ataattaaaa ttagaacatc agggaaaagaa	360	
ttaaaatcct caggttgcaa aaccaaaatg ttaaccaaaa caaatactca tgagattcaa	420	
ctttgttacat ctagaaaaan	440	
<210> 215		
<211> 439		
<212> DNA		
<213> Homo sapiens		
<400> 215		
ggcacgagtg cacaggggac acttacggac acagaaatgc acaggggagg ccgagcataa	60	
ccaggggtga gggcaggca gcagttgttag ttactgcccgc gggcactgc tatgtgcagg	120	
gacagccagc acccagccca tcaccactcc ctgggctggc tggcaggat ggcacccctgg	180	
gagccggca tatacccagg gcacccctac ggctgccgccc agtctcatgc ccaggtgggt	240	
gctctggct ggagcgaggg ccaggttttgg gggcggaggct tccccaggca atcctgttag	300	
ctcccttcta gcctctgacc cagttggc tggcttgcat ggatgttaggg cttgggtgg	360	
gaagttcagg tcctggctt gcctttgcct gatgtggatg agcagctcac atgctcagg	420	
ccacctgaga ctgtcactg	439	

<210>	216					
<211>	392					
<212>	DNA					
<213>	Homo sapiens					
<400>	216					
ggcacgagga	gacagagaag	tttggccagg	gggtccacca	tactgcttgt	caggttggga	60
aggaggcaga	gaagtggc	cagggtggga	aggaggaaga	cagagtggc	caaggcctcc	120
atcatggcg	tagtcaggct	ggaaggggagg	cgggcagtt	tggccacgac	attaccacaca	180
cagcaggca	ggctggggaa	gagggagaca	tagcagttca	tggtgtccaa	cctggggtcc	240
acgaggccgg	gaaggaggca	gggcagtttg	gccagggagt	tcaccatacc	cttgaacagg	300
ccgggaagga	agcagacaaa	gcggtccaag	ggttccacac	tgggtccac	caggctggga	360
aggaagcaga	gaaacttggc	ccaggggtca	ac			392
<210>	217					
<211>	394					
<212>	DNA					
<213>	Homo sapiens					
<400>	217					
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cctgtacgag	gggacgaagg	tgggtttcg	ctatgccttg	gccatttca	agtacaacga	180
gaaggagatc	ttgaggctac	agaatggct	ggaaatctac	cagtacctgc	gcttcttcac	240
caagaccatc	tccaaacagcc	ggaagctgtat	gaacatcgcc	ttcaatgaca	tgaaccctt	300
ccgcatgaaa	cagctgcggc	agctgcgtat	ggtccaccgg	gagcggctgg	aggctgagct	360
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caaacctgca	gaaaatgtat	ttaagctgt	agctctcaa	ctgaaaccac	atactaataat	180
catgaggatg	gcatctcgag	aggagagtt	ggaagatgtc	ttaggtccac	cccctgacaa	240
tgtatgtatgtt	gttaatgact	ttgatattga	agatgaagta	tttgaagtag	aaaataggga	300
agaaaaaccta	ctgaaaattt	ctcgcagagc	gaaagagtac	aaagtggaaa	ttttgaatcc	360
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gtcttgcga	ag					432
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gagagaaaaag	acagacagag	tcaaattctac	agcataatctc	tcacccatgg	aactggaaaga	180
tgtatTTTAT	caatatgtat	taaagtctga	aatatacagc	tttggaaatcg	tcctctggga	240
aatcgccact	ggagatatacc	cgtttcaagg	ctgtattct	gagaagatcc	gcaagcttgt	300
ggctgtgaag	cggcagcagg	agccacttggg	tgaagactgc	ccttcagagc	tgcgggagat	360
cattgtatgag	tgccggggccc	atgatccctc	tgtgc			395
<210>	220					
<211>	487					

<212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(487)  
 <223> n = A,T,C or G

<400> 220

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ggaaatggct taacgagagg aacggcaaca gcaggtggct gaggactacg agtcagact 120
ggccgggag caagcgcgag tgcgcaact gcagagtggg aaccagcagc tggaggagca 180
gcgggtggag ctgtggaaa gactgcaggc catgctgcag gccactggg atgaggccaa 240
ccagctgctc agcaccactc tcccgcgc caaccctcca gtcctcctg ctggaccctc 300
cagccccggg cctcaggagc ccgagaagga ggagaggagg gtctggacta tgcctccat 360
ggccgtggcc ctgaaggctg tattgcagca gagccggaa gcaaggagc agtacactgg 420
agcgcctctt ggttttgc gntcctcctc agatcttagc ctcctggtgg gcccctctt 480
tcagagc 487
  
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<210> 221  
 <211> 365  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(365)  
 <223> n = A,T,C or G

<400> 221

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ggcagtccca agatccagag cagagatgt tgatgacgtc cacagcgatg gcagatactc 120
cctcagtgga tctgtagctc actctagaga tgccggaaga gaaggcctga gaagtgacgt 180
atttccaggg ctttcctca gatcaagcaa ccctccatc agtgcgtaca gctactttcg 240
caaagaatgt ggccggatc tggaaatttc tcactctgtat tctcgggacc aggtcatgg 300
ccaccggaaa ttggggcatt tccgttctca ggactggaaa tttgcgtcc gtggttcttg 360
ggaan 365
  
```

<210> 222  
 <211> 376  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(376)  
 <223> n = A,T,C or G

<400> 222

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nnnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 180
nnnnnnnnnnn nnntgatggc agcagtggcc tgctcgtac agccactgccc aagaatctag 240
ctgcagtnnn nnnnnnnnnn nnnnnnnnca tgctccacac agccacccgg agccaagaac 300
gcaccctctt gggtacagct gcaagccgccc agccgaggct gctggaccctgg gctccctgg 360
tgctctgggg gttggg 376
  
```

<210> 223  
 <211> 399  
 <212> DNA

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<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(399)
<223> n = A,T,C or G

<400> 223
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ctccctcagg gaacatcaca ggaaggc agct gcaggac cttg agtggacagc accaggc agga
gctggccagt cagctagctc agttcaaggt gaaatggca gaacgagagg aacggc aaca
gcagggtggct gaggactacg agctcagact ggcccggag caagcgc gag tttgcgaact
gcagagtggg aaccaggc agc tggaggagca gcgggtggag ctggtgaaa gactgcaggc
catgctgcag gcccactggg atgaggccaa ccagctgctc agcaccactc ttccggcc
caaaccctca gttttctg cttgaccctc cagccccgn 399

<210> 224
<211> 402
<212> DNA
<213> Homo sapiens

<400> 224
ggcacgaggg cagttcagta tcgatggaca gattttccta ctcttgact cagagaagag
aatgtggca acggttcattc ctggagccag aaagatgaaa gaaaagtgg agaatgacaa 60
ggatgtggcc atgtcatttcc attacatctc aatggggac tgcattaggat ggcttgagga
cttcttgatg ggcattggaca gcacccttgg gccaagtgc ggagcaccac tgcctatgtc
ctcaggcaca acccaactca gggccacagc caccaccctc atcctttgtc gcctccat
catcctcccc tgcattcatcc tccctggcat ctgaggagaa tccttttagag tgacaggta
aagatgatac caaaaagccc ctgtgagcac ggtcttgatc ag 120

<210> 225
<211> 270
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(270)
<223> n = A,T,C or G

<400> 225
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ctctctgtgt ctgtgacaga cacactctt ttcatatagc gcgccttcc ttctttgtctc
tcgggggggg tctctctgtt cgcgtgttt ctctctccag tgagtgtgc cgccttaggt
agagagagtn nnnnnnnnnnnnnnnn nnnnnntgtgt gtgaattttatataatctcac
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<210> 226
<211> 404
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(404)
<223> n = A,T,C or G

<400> 226
ggcacgagaa ccctccagg ctaagccccca atttggggct cgcctgcctt gcatcaggaa
gacatgtcag ctgaggagta attgaccaga ttctgtttt agaaatatgg cagtggaggc 180

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aggagatggc atctgaggcc caggctgggg agaagggtgc tgggatgaga acctggagtt	180
cagaccaggg aaggatgag agcctaagaa gaggagctt caccctgaga caggctgggt	240
caggagtctg ctgcattccag gcctgggtcc ctggttccct ctgagcttg gaggactatg	300
ttagacagaa caggaccagg ggctgcatt ccccttgtt ttattcatct tcnnnnnnnnn	360
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnn	404
<210> 227	
<211> 389	
<212> DNA	
<213> Homo sapiens	
<220>	
<221> misc_feature	
<222> (1)...(389)	
<223> n = A,T,C or G	
<400> 227	
ggcacgagaa gtcactcaac ctctctgagc cttttcttca cctataaagt gggatagta	60
actacaccttcc ttatggaaac atatgaggat tttgtgaaat catccatgtt gcccttccac	120
cgccacgtgg agtttggcat ggagcagttt cttaaatggaa gtcatcttga tcagggggc	180
tgcacacccctc tctgagccctc agtttgcctt tctaggaaat ggggacaatg caatggaaat	240
ctgaggattt tttgtgaaatgg tgcacatgtt tgaatgtgg ctggatagt aaaaggagg	300
gccccggagc agcccacctt gggtccttac tagtggacgc gcccgggtgcc cacccttgc	360
tgtatgcca gcaagccactt gcaagcatn	389
<210> 228	
<211> 384	
<212> DNA	
<213> Homo sapiens	
<220>	
<221> misc_feature	
<222> (1)...(384)	
<223> n = A,T,C or G	
<400> 228	
ggcacgagct gcccacctta gaaagctgtt ttcttcttaccgcgttgc cttgaattat	60
tccctgaatg aagccaagaa ccctcccaagg ctaagccca atttggggct cgccctgcct	120
gcatcaggga gacatgttca ctgaggagta attgaccaga tttctgtttt agaaatatgg	180
cagtggaggg aggagatggc atctgaggcc caggctgggg agaagggtgc tgggatgaga	240
acctggagtt cagaccaggaa aaggatgag agcctaagaa gaggagctt caccctgaga	300
caggctgggtt caggagtctt ctgcattccag gcctgggtcc ctggttccct ctgagcttgg	360
gaggactatg tgagacagaa cagn	384
<210> 229	
<211> 292	
<212> DNA	
<213> Homo sapiens	
<220>	
<221> misc_feature	
<222> (1)...(292)	
<223> n = A,T,C or G	
<400> 229	
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nnnnnactct ctctctttt tcttttgtt gggggcttcc ggccgccttc tctctctctc	180
tctcacccac agacactctc tctgtgtgcg caccctcttc tctcgaaaaa ccggatctct	240
ctccccccctc tctatctctt ttattttggg ggtccccctcc gcgcctctca ca	292

<210> 230  
 <211> 400  
 <212> DNA  
 <213> Homo sapiens

<400> 230  
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 ggatgggagt catcgctgtg gagcaaccctt aattaatgcc acatggcttg tgagtgctgc 120  
 tcactgttt acaacatata agaaccctgc cagatggact gcttccttg gagtaacaat 180  
 aaaaccttcg aaaatgaaac ggggtctccg gagaataatt gtccatgaaa aatacaaaca 240  
 cccatcacat gactatgata tttctttgc agagcttct agccctgttc cctacacaaa 300  
 tgcagtgacat agagtttgc tccctgtatgc atcctgtgag tttcaaccag gtgatgtat 360  
 gtttgtgaca ggatttggag cactgaaaaa tgatggttac 400

<210> 231  
 <211> 332  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(332)  
 <223> n = A,T,C or G

<400> 231  
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 tgtgtctctc ccctctctt tgctcatact tatatacatc tacacacttg tgtggggac 120  
 tctctcttagc gtcocctctc ttttgtgtgg gogctctcac acacacacac nnnnnnnnnn 180  
 nnngagactc otttctctgt ggagaatatg tgtgcgcacc atctctctc ctcttattt 240  
 tccctcgccg gcgcgctctg tgagagagac tctctgttct cacacatatg atatatatat 300  
 ccctccccc tctcacactc gtgcggcccg cn 332

<210> 232  
 <211> 407  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(407)  
 <223> n = A,T,C or G

<400> 232  
 ggcacgagaa ctccggctac gtttgctgtc ccaacaaata gaccagggtt ccctaagtgt 60  
 cgcttcctcc aagaaggccct ccctgatgag ttgagccact ttagttgtg ctcaggctca 120  
 ccctgcacgt ctgggttgcct ctcatactg taatgatcta aaacacacgt ctgctcatga 180  
 gacccgcaccc ccaccccccga tgctggggcc gctctggat tttcatgcct gtcggcagca 240  
 cccagggggaa gctccggaaa tgtctgtgg gggctcgaa taccacaccc tctggtaatg 300  
 cagcccagcg ggtcccagcc tcgtttcca gccctcactc anaatggagt cgctctgggt 360  
 cgaacgcctc tgancagtgt gtacctacgt gtcaggccca tccttcc 407

<210> 233  
 <211> 406  
 <212> DNA  
 <213> Homo sapiens

<400> 233  
 ggcacgagga aagacccacg tgctgcctca tggggccgac atcctcagca agtcttgccc 60  
 ggcacccagg tgagcctctg gtgggggtgg gtagtcacca ctcggctctg gaggatgagg 120

cctgggccc	aatccagtt	caggacgga	tatctccat	ctcgaagg	tc ccagagg	taa	180
ctgcgttgc	ccatcctca	ggcatccc	cttgcgttgc	ccaagtgcgt	gctggcc	gag	240
gtccccaa	gc	gggttgtga	gtactacagc	cacagagg	cc	aatgggttt	300
gtccctgc	cc	gagaggcc	cccaggctgc	acaccgt	aa	aatgtggagg	360
ggggccaga	aagaaagt	cccacaca	ctctgttgc	acatgg		gcgtaaagg	406

<210> 234  
<211> 380  
<212> DNA  
<213> Homo sapiens

<400> 234	ggcacgagga	gggtgaatgg	ccctggcagg	ctagcctgca	gtggatggg	agtcatcgct	60
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ataagaaccc	tgccagatgg	actgcttc	ttggagtaac	aataaaac	tcgaaaatga	180	
aacgggg	ccggagaata	attgtccatg	aaaaatacaa	acacccatca	catgactatg	240	
atatttctct	tgcagagctt	tctagccctg	ttccctacac	aaatgcagta	catagagttt	300	
gtctccctga	tgcatccat	gagttcaac	caggtatgt	gatgttgt	acaggattt	360	
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<210> 235  
<211> 410  
<212> DNA  
<213> Homo sapiens

<220>	<221> misc_feature	<222> (1)...(410)	<223> n = A,T,C or G
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ccagggttcc	ctaagtgtcg	tttcctccaa	gaagccctcc	ctgatgagtt	gagccactt	120	
agtttgtct	caggctcacc	ctgcacgtct	tggttgtct	catca	atgatctaa	180	
acacacgtct	gctcatgaga	cccgcatccc	accccccgt	ctggggccgc	tcttggatt	240	
tcatgcctgc	tgccagcacc	cagggggagc	tccggaaatg	tctgctgggg	gctcggaaata	300	
cccaccttcc	tggtaatgca	gcccagcggg	tcccagcctc	gttntccagc	cctcactcan	360	
aatggagtcg	ctctggttcg	aacgcctctg	acaagtgt	acctacgtgt		410	

<210> 236  
<211> 394  
<212> DNA  
<213> Homo sapiens

<400> 236	ggcacgagac	tccggctacg	tttgctgtcc	caacaaatag	accagggttc	cctaagtgtc	60
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cctgcacgtc	ttgggtgc	tcatactgt	aatgatctaa	aacacacgtc	tgctcatgag	180	
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ccagggggag	ctccggaaat	gtctgctggg	ggctcggaaat	acccacctt	ctggtaatgc	300	
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gaacgcctct	gacaagtgt	ta	ctacgtgt	tcag		394	

<210> 237  
<211> 428  
<212> DNA  
<213> Homo sapiens

<220>	<221> misc_feature
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<222> (1) . . . (428)  
<223> n = A, T, C or G

<400> 237

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acacctggcc	actgagcagg	agtacacagca	cgaagaccaa	gcgc当地	accctgccc	120
tccatccatgaa	ctgtcctcc	taagagagat	ggcacccggcc	agagcaggat	tctgccccct	180
tctgtgtgtt	ctgtgtgtgg	ggctgtgggt	ggcagagatc	ccagtcagtg	ccaagcccaa	240
gggc当地gacc	tcatcacagt	ggtttaaaat	tcagcacatg	cagccccagcc	ctcaagcatg	300
caactcagcc	ataaaaaaaaca	ttaacaagca	cacaaaacgg	tgcaaagacc	tcaacacctt	360
cctgcacgag	ccttctccaa	gtgtggccgc	cacccgtccag	acccccaaaa	tagcctgcaa	420
gaatggcc						428

<210> 238

<211> 432

<212> DNA

<213> Homo sapiens

<400> 238

tctcatggag	gaacccatcc	attcgaattc	ggcacgagga	tcaactggct	atcatatatctg	60
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agcctgcggc	tgttagatgtg	gaactcacag	catatgcatt	gttggccag	cttaccaagc	180
ccagcctgac	tcacaaggag	atagcgaagg	ccactagcat	ataggcttg	ttggccaagc	240
aacgcaatgc	atatgggggc	ttctcttcta	ctcacgatac	tgttagtgtct	gtacaagctc	300
ttgccaaata	tgccactacc	gcctacgtgc	catctgagga	gatcaacctg	gttgtaaaat	360
ccactgagaa	tttccagcgc	acattcaaca	tacagccagc	taacagattg	gtatttcagc	420
aggataccct	gc					432

<210> 239

<211> 373

<212> DNA

<213> Homo sapiens

<400> 239

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ggcacgaggc aggacctcct ctcccagatc gcccagctgc aggaggagaa caagcagctc 60
atgaccaacc tctcccacaa ggatgtcaac ttctcagagg aggagttcca gaagcatgaa 120
ggcatgtcag agcgggagcg acaggtgatg aacaagctga aggagggtgt ggacaaacaa 180
cgcgacgaga tccgcgccaa ggacagggag ctgggcctga aaaatgagga cgttgaggct 240
ttacagcagc agcagacacg gctgatgaag atcaaccatg acttcggca ccgggtcacg 300
gtggtggagg cccagggaa agccctgatc gaacagaagg tggagctgga ggcagacctg 360
cagaccaagg agc 373

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<210> 240

<211> 392

<212> DNA

<213> Homo sapiens

<400> 240

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gcgcgtgctg	gagatcttgg	aggtgcttgt	cagtcgcctc	cacgtcgcgc	ccgagctgga	180
cgatctgcgc	ctggagcagg	acctcccttc	ccagatcgcc	cagctgctgg	aggagaacaa	240
gcagctcatg	accaaacctct	cccacaagga	tgtcaacttc	tcagaggagg	agttccagaa	300
gcatgaaggc	atgtcagagc	gggagcgaca	ggtgatgaag	aagctgaagg	aggtggtgga	360
caaacaacgc	gacgagatcc	gcgccaagga	cg			392

<210> 241

<211> 434

<212> DNA

<213> Homo sapiens

<400> 241  
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 gctgacccaa taggaagcc ggacgagctg taaaacatga acggaagagt ggattatttg 120  
 gtcactgagg aagagatcaa tcttaccaga gggccctca ggcgtggctt caacatcg 180  
 ggtgggacag atcagcaga tgcctccaac gacagtggca tctacgtcg ccgcataaa 240  
 gaaaatgggg ctgcggccct ggatgggccc ctccaggagg gtgataagat ctttcggta 300  
 aatggccaag acctaaagaa cctgctgcac caggatgtg tagacctt tcgtaatgca 360  
 ggctatgtg tgcctctgag agtgcagcac aggttacagg tgcagaatgg acctatagg 420  
 catcgaggtg aagg 434

<210> 242  
 <211> 385  
 <212> DNA  
 <213> Homo sapiens

<400> 242  
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 cattcgcaaa gcgacccctg ccctccatcc tgactgctcc tcctaagaga gatggcaccc 120  
 gccaaaacag gattatgcc ccttctgctg cttctgtgc tgccqctgag tgtggcagag 180  
 atcccactca gtgccaaacc caagggcatg acctcatcac agtggtttag aattcagcac 240  
 atgcagccca gccctcaagc atgcaactca gccatgaaaa acattaacaa gcacacaaaa 300  
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 cagaccccca aatacgctg caaga 385

<210> 243  
 <211> 388  
 <212> DNA  
 <213> Homo sapiens

<400> 243  
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 atccccatg gcactcccaa tggtgatgtc agtcatgaac cagtggtgg agccatcact 120  
 ggtgcgtctc aggaagctgc tcaggcttg gagtaccagg gagaaggccc attacatgtt 180  
 tggctacgaa aacttgcgtt agagaaggaa gaactactgt cacagattac aaaactgaag 240  
 cttcagttttag aggaggaacg acagaaaatgc tccatgactg atggcacagt gggtgacctg 300  
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 caaattagcg aatacaaatt taagctt 388

<210> 244  
 <211> 388  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(388)  
 <223> n = A,T,C or G

<400> 244  
 ggcacgaggt cactgttcaa gagttcaatc ttaccagagg gcccctcagg ctgggcttca 60  
 acatcgccgg tgggacagat taccgtatg tctccaacga cagtggtggcatc tacgtcg 120  
 gcatcaaaga aaatggggct gcggccctgg atgggcccgtt ccaggagggg gataagatcc 180  
 tttcggtaaa tggccaagac ctaaagaacc tgctgcacca ggatgtgaa cacctttc 240  
 gtaatgcagg ctatgtgtg tctctgagag tgcagcacaag gttacaggcg cagaatgtac 300  
 ctataggaca tcgaggtgaa qgggacccaa qcggttccatatttattt tgctgggtgcc 360  
 cggngctggc ctctccctgg tattcg 388

<210> 245  
 <211> 390

<212> DNA  
 <213> Homo sapiens

<400> 245

ggcacgaggc	tgtgtgtctc	tttttcacc	ccagggcctg	gccatgtccc	cttgggaag	60
cctgtccct	tacccctaca	cgtacatggc	cgcagcggcg	gccgcctct	ctgcggcagc	120
ctccagctcg	gtgcacccgccc	acccttctt	caatctgaac	accatgcgcc	cgcggctg	180
ctacagcccc	tactccatcc	cgggtccgg	ccggacggc	agcagtctgc	tcaccaccgc	240
cctgcctcc	atggcggcgg	ccgcggggcc	cctggacggc	aaagtgcgg	ccctggccgc	300
cagccggcc	tcggtgccag	aggactcggg	ctctgaactc	aacagacgct	cctccacgct	360
ctcctccagc	tccatgtcct	tgtcgccag				390

<210> 246  
 <211> 397  
 <212> DNA  
 <213> Homo sapiens

<400> 246

ggcacgagac	cactgggacc	tcctgctcct	cgccatcatc	aacacaggc	tgtctctgtt	60
tgggtgcct	tggatccatg	ccgcctaccc	ccactcccc	ctgcacgtgc	gagccctg	120
cttagtggag	gagcgtgtgg	agaacggaca	catctatgac	acgattgtga	acgtgaagga	180
gacggggctg	acctcgctgg	gcgcacgcgt	cctgggtggc	ctgtccctgt	tgctgctg	240
ggtcccgctt	cagtggatcc	ccaagcccc	gtctatg	ctcttccct	acatcg	300
cacccccc	gatggcaacc	agctcg	gcgcgtggc	ctgggtgg	aggaaccaa	360
ctgggaaacc	ccccgacaca	ctacatccc	gaggggg			397

<210> 247  
 <211> 471  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature.  
 <222> (1)...(471)  
 <223> n = A,T,C or G

<400> 247

ttacggcg	tttgttaggg	gaccccac	attcgaattc	ggcacgag	cttttat	60
tcgctgat	ttttttta	ctaaatgcca	ccatccttac	ctgttgcgg	gtctgcgt	120
ctaattttc	.ctggctgt	cacaagaacc	cgat	ttgaactct	gagcaaaa	180
cctgcatcat	ttgttaggt	gtgtcattgt	gactggct	taccc	ttagtct	240
aaaataaaac	ctgcaaatc	acatctccc	catgcttcca	gagaatgcat	attctc	300
tgaaaaaaaga	aaacnnnnnnn	nnnnnnnnnnn	nnnnnnnnnnn	nnnnnnnnnnn	nnnnnnnnnnn	360
nnnnnnnnnnn	nnnnnnnnnnn	nnnnnnnnnnn	nnnnnnnnnnn	nnnnnnnnnnn	nnnnnnnnnnn	420
nnnnnnnnnnn	nnnnnnnnnnn	nnnnnnnnnnn	nnnnnnnnnnn	nnnnnnnnnnn	nnnnnnnnnnn	471

<210> 248  
 <211> 403  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(403)  
 <223> n = A,T,C or G

<400> 248

ggcacgagg	acagacatct	agttggcagg	agccaaagat	gttgccaaac	atgttagtann	60
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	120
nnnnnnnnng	gtagaggat	cctgtat	ggcaatattt	ggatagg	aggaaagctt	180

gggattttag ctacgttagag acacttgaaa attggaggga ggaaaggagt gggtggctt	240
ggagatgttc tggatatgt gaatgagggg agtggagggg ncctgnngc tctgnggaag	300 -
gccangcccc gtttcctgtc tttcancctc ttccagggaa attacggca gaaagaggct	360
gagaaagtgg tcccggggaa ggcgcttat gaagagctt gtg	403
<210> 249	
<211> 316	
<212> DNA	
<213> Homo sapiens	
<220>	
<221> misc_feature	
<222> (1)...(316)	
<223> n = A,T,C or G	
<400> 249	
ccgcttaaag gcgccttctt ttaatgcaat cattttgaac atgtgcgaca gtcgagaata	60
ctaattggat caatcttgat atactctacc taaagacagt ctagaaacct gggggagaaa	120
gaactcacgg cacaaaaacat tggggccgaga acggaattct ctgtaagcct agttgctgaa	180
acttcctgtct gtaaccagaa gccagttta tctatcgct actgaaaacac ccactgttg	240
ttgctcactc cctcactcac cgaacanaac ctgctacctc cgcatgaatc tactagtgcc	300
gataaactat atcaga	316
<210> 250	
<211> 419	
<212> DNA	
<213> Homo sapiens	
<400> 250	
ggcacgagat atcagtcaag ggctttcaa gacacagcag aaacctcacc gggcctcggg	60
ctgcctccca ctgggtccca tggcaccac ttgaccttg gaaagctctg ttatatggaa	120
ggtagggagg acactatttc cctcaactac ttctagtaaa aagctcagtt ctctccccag	180
cagcaagagg gcacctgtga acacctgagt cacagcgcac ttcttctctg cttagaacat	240
tgcatggctc ccaccttact tgcagtaaat gctgagggtcc ttccctgtggc ccccgggggc	300
ctgcatgatc tgatccatcc cttacctacc ctcatctctc cactggctc cccacacttg	360
ctccccctccg gacactctgg actacttgct gctatctgaa cataccaggc ccctgcccc	419
<210> 251	
<211> 434	
<212> DNA	
<213> Homo sapiens	
<220>	
<221> misc_feature	
<222> (1)...(434)	
<223> n = A,T,C or G	
<400> 251	
ggcacgaggg ggcctccacc ggtgactcg gctggattc cacggccatg gcctctgccc	60
ctgccccgca gggactgtcc gggcggtcc cgacaccctt gcccctccac ctccagcagc	120
acgtcctggc ctctcaggcc ctggccatgt cccctttcgg aagctgttc ctttaccctt	180
acacgtacat ggacgcagcg gccccgcct cctctgcggc agcctccagc tcggtgcacc	240
gccacccctt cctcaatctg aacaccatgc gcccgcggct gcgtacagc ccctactcca	300
tcccggtgcc ggtcccgac ggcacgac tgcaccac cccctgccc tccatggcgg	360
cggccgcggc gcccctggac ggaaagacg cccctggc cgcaccccg gcctcgagg	420
cagtggactc ggcc	434
<210> 252	
<211> 425	
<212> DNA	

<213> Homo sapiens

<400> 252

ggcacgagaa	agcactcagc	ctgggaaatg	aactctgcc	caatgatgt	ggctgtgacc	60
actccccgca	gagagttctt	gaagaggagc	tccgcaggga	ctggcaggcc	aaggtaggcct	120
ccttgagga	ggtgccttt	gccgcgcct	caattggca	ggtgcaccag	gccctgctga	180
gggacgggac	ggaggtggcc	gtgaagatcc	aggtgagagg	ggaggctggg	caggtaggg	240
gcgggcaccc	tgctagccca	gagaagtgc	tcccaccc	tctccctccc	ttctcccttt	300
acagtaaaaa	ggcatagccc	agagcattca	gagcgatgtc	cagaacctgc	tggcggtaact	360
caagatgagc	gcggccctgc	ccgcgggcct	gtttgccgag	cagagcctgc	aggccttgca	420
gcagg						425

<210> 253

<211> 395

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(395)

<223> n = A,T,C or G

<400> 253

ggcacgagca	gacatctagt	tggcaggagc	caaagatgtt	gccaaacatg	tagtannnnn	60
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	120
nnnnnngagta	gaggatgcct	ggtatgaggc	aatatttggg	atagggaaagg	gaagcttggg	180
attttagcta	cgtagagaca	cttggaaaatt	ggagggagga	aaggagtggg	tggctttgga	240
gatgttctgg	aatatgtgaa	tgaggggagt	ggaggggtcc	tggaggetct	ggggaaaggcc	300
aagcccgttt	tcctgtctt	caacctcttc	caggaaaatt	acggggagaa	ggaggctgag	360
aaagtggccc	gggtgaatgc	gctatatgac	gagct			395

<210> 254

<211> 307

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(307)

<223> n = A,T,C or G

<400> 254

agtgcgtttc	tttaatgt	atcatttga	acatgtgt	aagttgatca	tacgaattgg	60
atcaatctt	aaatactcaa	ccaaaagaca	gtcgagaagc	cagggggaga	aagaactcag	120
ggcacaaaat	attggctgt	aatggaaatt	ctctgtaa	ctagtgctg	aaatttcctg	180
ctgtaaccag	aagccagttt	tatctaacgg	ctactgaaac	acccactgt	tttgctcac	240
tccctca	accgatcaa	acctgctacc	tcccaagac	tttactatgt	ccgataaaact	300
ttctcan						307

<210> 255

<211> 312

<212> DNA

<213> Homo sapiens

<400> 255

agtgcgtttc	tttaatgt	atcatttga	acatgtgt	aagttgatca	tacgaattgg	60
atcaatctt	aaatactcaa	ccaaaagaca	gtcgagaagc	cagggggaga	aagaactcag	120
ggcacaaaat	attggctgt	aatggaaatt	ctctgtaa	ctagtgctg	aaatttcctg	180
ctgtaaccag	aagccagttt	tatctaacgg	ctactgaaac	acccactgt	tttgctcac	240
tccctca	accgatcaa	acctgctacc	tcccaagac	tttactatgt	ccgataaaact	300

ttctcaaaga gc

312

<210> 256

<211> 415

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(415)

<223> n = A,T,C or G

<400> 256

ggcacgagca ggagcagctg gcaagggaga aggacacggg	gaagatgctg caggaacagc	60
tggaaaaggc agcgcgtgcc tggcgccaaa gcagggcggg	aggagtgcag ctgccggag	120
ccccggggag gcaggaccgg gagaggcaga gctggcggg	gtcgtaagc tgctggagc	180
gctggctgg gagccccagg ggaggcagag ctggcggg	gtagtgggga cagagacttc	240
ctaacgaggg cttcagccca cccggccac caccaccc	tctgggttc cttgctggg	300
aagcgagtgt ctgatcccc tgctggccca gtcctca	ttgcacctgt gtggccct	360
tagccagtgc tccagccctt gccctgcagg atgatggttt	cccctcagct cccan	415

<210> 257

<211> 396

<212> DNA

<213> Homo sapiens

<400> 257

agaaagggtg agtgagggtgc tgcctgggg ttctccaagt	ttgagagcat ggatgcatt	60
ggtttgaagc tgaagtggc ctggggaaat gggttgaagg	cagaagcaac cagtttggag	120
ggaaggcatt tggatatcca gcccttctc tgccttc	gcccgggtc tgcctgtt	180
ccccacccca tacctgtctg ctgcgcactc tgccttc	tagcattctc gcttctggcc	240
ttaaagttt gcaaggggag gtaataaagc accttaggtgg	ctgagtgtct ctgtcttc	300
gtttgttcac aggacttcga gtaagaagggt gatttacagc	cagcctagtg cccgaagtga	360
aggagaattt aaacagaccc cgtcattctt ggtgtg		396

<210> 258

<211> 431

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(431)

<223> n = A,T,C or G

<400> 258

gnnggagggc ctgcggccaaa gagatgagct tattgagaaa	catggcttag ttataatccc	60
cgatggcact cccaatgggt atgtcagtca tgaaccagtg	gctggagcca tcactgttgt	120
gtctcaggaa gctgctcagg tcttggagtc agcaggagaa	ggccattag atgtaaggct	180
acgaaaactt gctggagaga aggaagaact actgtcacag	attagaaaac tgaagcttca	240
gttagaggag gaacgacaga aatgctccag	aatgatggc acagtgggtg acctggcagg	300
actgcagaat ggctcagact tgcagttcat	cgaaatgcag agagatgcca atagacaaat	360
tagcgaatac aaatctaagc ttcaaaagc agaacaggat	ataactacct tggagcaaag	420
tattagccgg c		431

<210> 259

<211> 404

<212> DNA

<213> Homo sapiens

```

<220>
<221> misc_feature
<222> (1)...(404)
<223> n = A,T,C or G

<400> 259
ggcacgagca ggacgcgtc gcaaggaga aggacacggt gaagaagctg caggaacagc      60
tggaaaaggc agcgcgtgcc tggcgccaaa caaggcgccc aggagtcgag ctgcccggag      120
ccccggggag gcaggaccgg gagaggcaga gctggcgga gtcgtcaagc tgctgggagc      180
gctgggctgg gagccccagg ggaggcagag ctggcgccgg gtatgggaa cagagacttc      240
ctaacgaggg cttcagccca cccggccac caccaccct tctgggttc cttgtggg      300
aagcagtggt ctgatcccccc tgctggccca gtcctcaact ttgcacctgt gtggggccct      360
tagccagtgc tccagccccct gccctgcagg atgatggttt cccn      404

<210> 260
<211> 402
<212> DNA
<213> Homo sapiens

<400> 260
ggcacgagat ctccctgcct tggcgccgg ctctggaca ggcggggatg      60
ggaggggagtc taccgggcca ctgttagagct ggttagctggg agctggagct gtagagttcc      120
aggctgggag ctggagagcc ctgggtgaga gggaggccctaa taggggcccc gggggacaca      180
ccagggcttga gggtagtagg tgctggaggc agagcctggc ctgtccaggg tgggacactca      240
cgaccaccc tggccggccc ccagctcgga gtagcttcta cgtgtatgcg gcatcctgg      300
cactgctcaa cttactgcag gggctgggaa gtgagctgt gtgcttcgac atcatcgagg      360
ggctctggtg cgtggggccc gcagggagtc tgccctcggtt gg      402

<210> 261
<211> 402
<212> DNA
<213> Homo sapiens

<400> 261
ggcacgagat ctccctgcct tggcgccgg ctctggaca ggcggggatg      60
ggaggggagtc taccgggcca ctgttagagct ggttagctggg agctggagct gtagagttcc      120
aggctgggag ctggagagcc ctgggtgaga gggaggccctaa taggggcccc gggggacaca      180
ccagggcttga gggtagtagg tgctggaggc agagcctggc ctgtccaggg tgggacactca      240
cgaccaccc tggccggccc ccagctcgga gtagcttcta cgtgtatgcg gcatcctgg      300
cactgctcaa cttactgcag gggctgggaa gtgagctgt gtgcttcgac atcatcgagg      360
ggctctggtg cgtggggccc gcaggggtgtc tgccctcggtt gg      402

<210> 262
<211> 151
<212> DNA
<213> Homo sapiens

<400> 262
ggcaaatatg aagctacgtc cgggtatccg gttccctgt aattgtttc tgatccctgg      60
tacttagatt tgattaccta tggaccacat tggtagaact actatatggg gaaacctcct      120
gattttgggc ggtctcaaaa aaaaaaaaaa c      151

<210> 263
<211> 404
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(404)

```

<223> n = A,T,C or G

<400> 263

ggcacgaggg aacgtggaag gactagactg cctgagtctt ctgannnnnn nnnnnnnnnn	60
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnntt	120
ggacctaccc cccgagtgtt ttgcagggg ctctcaggcc ttcggctaca gactgaggc	180
tgcattatca gcttcctac ttttgagggtt ttggacttt actggcttc ttgctcctca	240
acttgcagat ggcctgttgtt gggacactac cttgtgatca tgtacatgag gaaaatacac	300
accctccca gggatgatgg aaggtaagg tectaacacc tcctgacat ctgagcagct	360
gcacattgaa ccagatagtc ctggaatgtg gaaaaacaga ggcn	404

<210> 264

<211> 380

<212> DNA

<213> Homo sapiens

<400> 264

ggcacgaggg gaacgggaag ccgggaccac gaactcttgt ctttcaggat aaagtggcca	60
gggtgtacga agccccggc ttttcctgg acctggagcc catcccgga gccttggacg	120
ctgtgcggga gatgaacgac ctaccggaca cgcaggctt catctgcacc agccccctgc	180
tgaagtacca ccactgtgt ggtgagaagt accgctgggt ggagcagcac ctggggccccc	240
agttcgtaga acgaattatc ctgacaaggg acaagacggt ggtcttgggg gacctgctca	300
ttgatgacaa ggacacagct cgaggccagg aggagacccc aagctggag cacatcttgt	360
tcacctgctg ccacaatcg	380

<210> 265

<211> 440

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(440)

<223> n = A,T,C or G

<400> 265

ggcagaggcg tggacaccac ctcagccac tgagcaggag tcacagcacg aagaccaagc	60
gcaaagcgac ccctgcctc catcctgact gtcctccta agagagatgg caccggccag	120
agcaggattc tgcccccttc tgctgcttct gctgctgggg ctgtgggtgg cagagatccc	180
agtcaigtgcc aagcccaagg gcatgacctc atcacagttt tttaaaattc agcacatgca	240
gcccagccct caagcatgca actcagccat gaaaaacatt aacaagcaca caaaacggtg	300
caaagacctc aacaccttcc tgacgagcc tttctccagt gtggccgcca cctgccagac	360
ccccaaaata gcctgcaaga atggcgataa aaactgcccac caaagccacg ggcccgttt	420
cctgaccatg tgaagctccn	440

<210> 266

<211> 396

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(396)

<223> n = A,T,C or G

<400> 266

gcacgaggag gaacgtggaa ggactagact gcctgagtct tctgannnnn nnnnnnnnnn	60
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnntt	120
tggacctacc ccccgagtgg tttgccaggg gctctcaggc cttcggtac agactgaggc	180
ctgcattatc agtttccta ctttgagggt ttggacttt tactggctt ttgctcctc	240

aaccttcaga tggcctgtt gggacacctca cttgtgatc atgtacatga gggaaataca 300  
 caccctcccc agggatgtatg gaagggttaag gtccctaacac ctccctgcaca tctgagcagc  
 tgcacattga accagatagt cctggaatgt gggac 396

<210> 267  
 <211> 429  
 <212> DNA  
 <213> Homo sapiens

<400> 267  
 ggcacgagga tctgacagacc taggagtgcg tggacaccac ctccagccac tgtagcaggag 60  
 tcacagcactc aagaccaagc gcaaaagcgac ccctgcctc catcctgact gctccctccta 120  
 agagagatgg caccggccag agcaggattc tgcccccttc tgctgcttct gctgctgggg 180  
 ctgtgggtgg cagagatccc agtcagtgcc aagcccaagg gcatgacctc atcacagtgg 240  
 tttaaaaattc agcacatgca gcccagccct caagcatgca actcagccat gaaaaacatt 300  
 aacaaggcaca caaaacggtg caaagacctc aacaccttcc tgacacgagcc ttttccagt 360  
 gtggccgcca cctgccagac ccccaaata gcctgcaaga atggcgataa aaactgcccac 420  
 cagagccac 429

<210> 268  
 <211> 405  
 <212> DNA  
 <213> Homo sapiens

<400> 268  
 ggcacgaggc ggcttcctgg cccgcgagca gtaccgcgccc ctgcggcccg acctggcgga 60  
 taaagtggcc agtgtgtacg aagcccccggg ctttttcctg gacctggagc ccatcccgaa 120  
 agccttggac gctgtgcggg agatgaacga cctaccggac acgcaggtct tcatctgcac 180  
 cagcccccctg ctgaagtacc accactgtgt gggtgagaag taccgctggg tggagcagca 240  
 cctggggccc cagttcgtag aacgaattat cctgacaagg gacaagacgg tggcttggg 300  
 ggacctgctc attgatgaca aggacacagt tcgaggccag gaggagaccc caagctggga 360  
 gcacatcttg ttcacctgct gccacaatcg gcacctggcc tgccc 405

<210> 269  
 <211> 372  
 <212> DNA  
 <213> Homo sapiens

<400> 269  
 ggcacgagaa ccctgaggcc tggctatggt accacccgggt ggttaggtgcc cagcgctgcc 60  
 cccatcgatgg caccctctgg caaacagaga caggtggcca catgttgact ccccttcctg 120  
 gtgccacacc catgaaaccc gttctgcta ctttccatt ctttgggtta gctccctgcaa 180  
 tcctgaatga gtccggggaa gagttggaaag gcgaagctga aggttatctg gctgccagcg 240  
 ggaccaggat ggctattact ggatcactgg caggattgtat gacatgctca atgtatctgg 300  
 acacctgctg agtacagcag aggtggagtc agcaacttgcg gaacatgagg ctgttgcata 360  
 ggcacatgtg gg 372

<210> 270  
 <211> 411  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(411)  
 <223> n = A,T,C or G

<400> 270  
 ggcacgagag ctctcgccgc acggcccaagc ttccctcaaa atgtctactg ttcacgaaat 60  
 cctgtacaaq ctcaqcttgg aqqtgtattq tccaqqaqt tattccaaqt qaaqacttta 120



ggaaatccca	tcctgccacc	cacaagactt	caaggaaagt	tgtttggtg	ctgagcagag	360
caggggaaga	agaaaaacag	cccttaagga	gctccagcca	ctggccagcc	ttcatgtgac	420
tctagcccaa	attcattccc	atcacctggg	gtggaagggc	cagaaatctc	n	471
<210> 274						
<211> 391						
<212> DNA						
<213> Homo sapiens						
<220>						
<221> misc_feature						
<222> (1)...(391)						
<223> n = A,T,C or G						
<400> 274						
ggcacgaggt	aaactctcta	taagtgttca	gtgttgacat	agcctttgtg	catagnnnnn	60
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnntt	tttgcacccac	ctggaaaaaa	ggggatgcnn	120
nnnnnnnnng	ggggaaaaac	aattcttaag	ggccctttgg	ccataaaactt	tttccgggc	180
cacctttgtt	acttttgtc	ctggaagggg	tttttttggg	gggcccacgg	ggagggggccc	240
catagtaaa	ctcgaaaac	tttttctaac	ccgggttagt	gttttaaatt	aaaaccaaaa	300
nnnnnnnnnn	nnttggaaatc	cttttctta	aaaaaattaa	tctctcaaag	gaaaacaaag	360
nnnnnnnnnn	nggggggccc	cttcgttta	g			391
<210> 275						
<211> 339						
<212> DNA						
<213> Homo sapiens						
<400> 275						
cactccgggg	gctctatttgc	tgtgctctgc	accagttt	ttatacactc	cacgctttgg	60
atataacatc	taggccacg	gtgcctatgt	gtacacacccc	tctctctata	tatagatacc	120
tctgtgcgca	catatagagg	ggaaaagaga	gatatatcta	tttatataac	atttctacac	180
aactgtctct	gggggttcag	agaacgcgcg	caccctctc	ttttgagaga	aggagactct	240
gtccccccctc	tctggggcgc	agggaggccc	catggcatga	agaaaaataac	tcacttatat	300
ctctctctct	cactctctgt	ttgcgaaaaaa	acacacagg			339
<210> 276						
<211> 434						
<212> DNA						
<213> Homo sapiens						
<220>						
<221> misc_feature						
<222> (1)...(434)						
<223> n = A,T,C or G						
<400> 276						
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accccgaggt	gcctgaccag	ttctaccgcc	tgtggctatc	cctcttcctg	cacgcccggga	120
tcttgcactg	cctgggtgtcc	atctgcttcc	agatgactgt	cctgcgggac	ctggagaagc	180
tggcaggctg	gcaccgcata	gccatcatct	acctgcttag	tggtgtcacc	gcaacactgg	240
ccagtgcctat	cttcctgcca	taccgagcag	agggtggtcc	tgctggctcc	cagttcggca	300
tcctggccctg	cctcttcgtg	gagctttcc	agagctggca	gatcctggcg	cgccctggc	360
gtgccttctt	caagctgctg	gctggggagg	ctttcttctt	cacctttggg	ctgctggccgt	420
ggattgacaa	cttn					434
<210> 277						
<211> 378						
<212> DNA						
<213> Homo sapiens						

<220>  
 <221> misc\_feature  
 <222> (1)...(378)  
 <223> n = A,T,C or G

<400> 277  
 ggcacgagaa aaagtaccgc tccagagcag gagcctaggc agccgagagg gtgcccgaac 60  
 ctgagtcgtga gttgcggcca cttcaggagc tgagaggagc aggatggaac tgcaggatcc 120  
 aaagatgaat ggagccctcc cttcgatgc tgtggctac aggcaagaac gtgagggctt 180  
 cctgcccagt cgtggctctg ctcctggag caagccggc cagttcatgg atttcgaggg 240  
 gaagacatcg tttgaatgt cagtgttcaa ctcagcaac gccatcatgg gcagcggcat 300  
 cctggggctg gcctatgcca tggccacac ggggtcatt ttcttctgg gcctgctgt 360  
 gngccatgcg cttctgcc 378

<210> 278  
 <211> 302  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(302)  
 <223> n = A,T,C or G

<400> 278  
 cccccnctct cgccnnnnnn nnnncgttt tcactcccg gagtcccctt gttttggcc 60  
 cggatccggg ttcttcttt cccgtgggtgc cgccgggtgg agtgttttat cttttcttca 120  
 catggggggc tggggagttc cccagaaccc ccagggggaa acccccctcc tataaaaatg 180  
 acacatgagc ccctccttcc ggtggcgaaa acctgtctct ctaagaccct tttctggaa 240  
 aggggtcttt gtttgataga ccccacccgac gcggggggct ttctatggc cgccccccccc 300  
 cg 302

<210> 279  
 <211> 405  
 <212> DNA  
 <213> Homo sapiens

<400> 279  
 ggcacgaggc ctcattggag acattgacaa tgccatgagg accttcctca actactacac 60  
 tgtatggaaag cagttgggg ggctcccgga attctacaac attcctcagg gatacacagc 120  
 ggagaagcga gagggttacc cacttcggcc agaacttatt gaaagcgcaa tgtacctcta 180  
 ccgtgccacg ggggatccca ccctcctaga actcggaaaga gatgctgtgg aatccattga 240  
 aaaaatcacc aagggtggagt gcggtttgc acaaatcaa gatctgcgag accacacgct 300  
 ggacaaccgc atggagtctgt tcttcctggc cgagactgtg aaataacctct acctcctgtt 360  
 tgaccaccacc aacttcatcc acaacaatgg gtgcacccttc gacgc 405

<210> 280  
 <211> 415  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(415)  
 <223> n = A,T,C or G

<400> 280  
 ggcacgaggg tcacctgtgc tgcccttcct taatctcgta tggatgtcac agtccgggtgg 60  
 ccgtgggggt gctctgcctt ccctggtccc cactgcccatt atctgtggac tgccccctcc 120

aaagaccctt	gggggggggtt	ggnanattc	aatcttacca	aactcaacga	tccatccatt	180
tcatttact	gatattacat	gcggacacccc	ctggatcata	ttattcaaat	ccagtcatct	240
attctgcatt	catgacctt	tgataactcc	atcatgacct	acttgacggt	cactgaccat	300
gcttactgga	ttccgcctt	taacaataaa	atctatcaa	actnnnnnnn	nnnnnnnnnn	360
nnnaccagcc	cacataaaaat	atgattgaat	caatttctta	taccttcaact	agaat	415
<210> 281						
<211> 389						
<212> DNA						
<213> Homo sapiens						
<400> 281						
ggcacgaggt	agactgggg	ctcaactgatt	gcattgacac	ttttcatcat	gggtccccgg	60
gggctcacgt	ggagtctgac	acatgaatac	atggctatca	tgtctgtcac	cttcaatggg	120
gaaaacaaac	tttgtatagg	tagggaaacac	aacaggtaca	ataatttaca	aaaatatgtt	180
tgccacattt	cagggcaagg	caaaatgcag	aggagacata	tgttaaaatc	ttatcattca	240
catttgttct	ttttatcttt	aaagatgaagc	tcttacacca	agtgtcacga	gtctggagaa	300
cagatgggtt	gaagagctgt	tcttataaaa	taagatctgg	ggaacacaat	cctttatata	360
tcaacatcac	agtggatttt	tggattggg				389
<210> 282						
<211> 371						
<212> DNA						
<213> Homo sapiens						
<400> 282						
ggcacgagat	agaatccgag	gcattgatat	cattaaatgg	atggagcgct	accttaggga	60
taagaccgtg	atgataatcg	tagcaatcg	ccccaaatac	aaacaggacg	ttgaaggcgc	120
tgagtgcag	ctggacgagg	atgagcatgg	cttacatact	aagtacattc	atcgaatgat	180
gcagattgag	ttcataaaaac	aaggaagcat	gaatttcaga	ttcatccctg	tgctcttccc	240
aaatgctaag	aaggagcatg	tgcccacctg	gcttcagaac	actcatgtct	acagctggcc	300
caagaataaaa	aaaaacatcc	tgctgcccgt	gctgagagag	gaagagtatg	tggctcctcc	360
acggggcct	c					371
<210> 283						
<211> 413						
<212> DNA						
<213> Homo sapiens						
<220>						
<221> misc_feature						
<222> (1)...(413)						
<223> n = A,T,C or G						
<400> 283						
ggcacgaggt	gggagacacc	acttgtcttt	atgtgggtct	caaagatgat	gtagaatttc	60
ctttaatttc	tcgcagtctt	cctggaaaat	attttcctt	gagcagcaaa	tcttgttaggg	120
atatcagtga	aggctctcc	ctccctcctc	tcctgnnnnn	nnnnnnngga	aacaaagttt	180
tgctttgtt	ccccagcctg	aaggggaagg	gctcaatttt	ggttaaccaa	aaccttggcc	240
tccggggtta	aagcaattct	ccggcctaac	cctttggaga	acctgggtta	ataggcgcag	300
gcccccaggc	cgggtaatt	ttgggtttta	agaaaaaaaca	gggttctca	atgtggggca	360
ggcgtggcca	aaaccccac	cctaagggga	tcggccctcc	ttggcctccc	aan	413
<210> 284						
<211> 409						
<212> DNA						
<213> Homo sapiens						
<400> 284						
ggcacgaggc	ctggggatgc	tccctgctaa	gtgggcctgc	tcccaccctt	gccataaagc	60

tctgaggcag	cctgagccgt	ccgtgggggc	cccactgtga	ccctgccgca	gtttcctgg	120
gtccctcggt	cctcttaagg	ggcagtgaca	cctgcctcgc	tggccctgtg	tgggtggcag	180
gccccactgt	ttggatatac	acatggccag	gcacgtggtg	agcctgtca	gggcggacgc	240
ctgcaggcgc	gtgctcggtc	acacactgcc	ttgtgtggcc	ctcctgtccg	gtgcagcctg	300
gacctggacg	cctggatcaa	tgagccactc	tcggacagcg	agtcaagagga	cgagaggccc	360
aggccgtct	tccacgagga	ggagcagcgg	cgtcccaagc	accggccgt		409
<210> 285						
<211> 404						
<212> DNA						
<213> Homo sapiens						
<220>						
<221> misc_feature						
<222> (1)...(404)						
<223> n = A,T,C or G						
<400> 285						
ggcacgagcc	acttcacccc	cttggggct	gcttattcac	tctggggatt	cgccatggac	60
acgtctcaac	tgcgcaagct	gctgcccatt	tttccctgcc	cctccagatt	gcctggagat	120
ctatTTGTT	tcctttgtg	tttcttttc	tgTTTgagt	gtcttcttt	gcaggTTTCT	180
gtagccggaa	qatctccgtt	ccgctcccag	ccgctccagt	gtaaattccc	cttccccctg	240
ggaaatgca	ctaccttgtt	ttggggggtt	taggggtgtt	tttggTTTC	agnngnTTTg	300
ntttttgggn	nnnnnnnnnn	gnTTgactt	ttttnnctt	tatTTggag	gtaatggaa	360
agaataggaa	aatcaggcag	gggggagaat	ggTTgtttat	tctt		404
<210> 286						
<211> 441						
<212> DNA						
<213> Homo sapiens						
<220>						
<221> misc_feature						
<222> (1)...(441)						
<223> n = A,T,C or G						
<400> 286						
ggcacgaggg	aagcgggtgg	tgtgtgtccc	ctgtttactt	ttagctgagc	tggggTTggg	60
tgtacgggtt	ctgttccctt	gagccctgcg	gcccacctga	tgtttacgtg	tgtgtgtgag	120
ggggggcggc	gctncncnnn	caccccccnn	nggccttat	ccttgtgaag	ctctcctcaa	180
tctaataactt	attgcccctg	actccaaatc	ttccacctt	tgcctcttat	tatatctatg	240
ttcattacct	tagtctagct	gttctctatt	atgacactga	ttcatacttt	tgttttttg	300
taagtaactt	tttccctctt	cattgttgct	aatatcctt	tcctttttc	ctttgtctac	360
tctcaacttca	tctataaaac	tcttacatat	ctctccacta	atttctttga	actaacaatt	420
tttatataaga	atTTAAGCCT	g				441
<210> 287						
<211> 387						
<212> DNA						
<213> Homo sapiens						
<400> 287						
ggcacgagca	gcccttggaaat	tccgcaagca	cccgaggccc	ggggggTctc	cgcgggcgtc	60
ccatcgccgg	gacatgggtc	gccgtgtact	cttccccacg	acctcaggga	ccggcccccc	120
cgccggaaact	gcttcctacc	ttggccggtc	ccggcagctg	aatctggcca	gcccaacctc	180
ccgggtcgcta	tggcaccac	aggcctaaca	ttcgcgagtc	caccccccgc	cgtccggcag	240
aaaaacctga	ttggcgcctt	cttggcgtatc	ttcgggcacc	tcgtggtcag	cattgcactt	300
aacctccaga	agtactgcca	catccgcctg	gcaggctcca	aagatccccg	ggccttattt	360
aaagaccaaa	actggtggt	ttggcct				387

<210> 288  
 <211> 439  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(439)  
 <223> n = A,T,C or G

<400> 288  
 ggcacgaggg aggctggaaag cgggtggtgt gtgtccctg tttactttta gctgagctgg 60  
 gggtgggtgt acgggttctg ttccctctgag ccctgcggcc cacctgatgt ttacgtgtgt 120  
 gtgtgagggg gggcggcggn nncannnnnn nnnnnnnnn tcttttcca ataacaatat 180  
 taattaatcc aatctttttt ctcttcact tctttctact cttttcctc cttttttttt 240  
 atttactttt actcatcctc cttcttcata ttactctgtc ttttgatttta cttagttctt 300  
 ctcttcgca atttccctt attgttgtca ctctttggg aataacgtac tcttatgaga 360  
 agttgttcc tctttattta cattgggttgc tcttcctt tcataattta ttttacgtat 420  
 gtttgtagg ttttttctt 439

<210> 289  
 <211> 170  
 <212> DNA  
 <213> Homo sapiens

<400> 289  
 atgagtggtc ttttaattag gaacaaatct aatggaaagg agagttgact gaagttggcc 60  
 cacaggattt tgagctggc agagccttca tgaaggcttgc ccaccttggg acgcccattt 120  
 taatgggggg gcctgctgta aggcaaaagg cttttggca aattgctggg 170

<210> 290  
 <211> 393  
 <212> DNA  
 <213> Homo sapiens

<400> 290  
 ggcacgaggt agactggggg ctcactgagt gcagtgacac ttttcatcat gggccccgg 60  
 gtttcacgt ggagtctgac acatgaatac atggctatca tgtctgtcac cttcaatggg 120  
 gaaaaacaaac tttgtaatgg tagggaaacac aacaggtaca ataatttaca aaaatatgtt 180  
 tgccacattt cagggcaagg caaaatgcag tggagacata tggtaattttatcattca 240  
 catttgatct ttttatctt aggtgaagc tcttacacca agtgcacga gtctggagaa 300  
 cagatgggggt gagtagttgt tcttataat tagtatctgt ggaacacaat ctttatata 360  
 tcaacatcac agtggatttc tggcttggtg cat 393

<210> 291  
 <211> 430  
 <212> DNA  
 <213> Homo sapiens

<400> 291  
 ggcacgaggg atagaatccg aggcatgtat atcattaaat ggtggagcg ctaccttagg 60  
 gataagaccg ttagtataat cgtagcaatc agcccaaat acaaacagga cgtggaggc 120  
 gctgagtcgc agctggacga ggtggagcat ggcttacata ctaagtacat tcattcaatg 180  
 atgcagattt agtttataaa acaagggaaatc atgaatttca gatttaccc tggcttcc 240  
 ccaaattgtt acaaggagca tggccacc tggcttccaga acactcatgt ctacagctgg 300  
 cccaaagaaaata aaaaaaaatc cttgtgcgg ctgctgagaa aagaaaaaga tggcttcc 360  
 tcacgggggc ctcttgcac cttcaagtg ggtcccttgt gacacccgtc aatccagat 420  
 cactgaggcc 430

<210> 292

<211> 423  
 <212> DNA  
 <213> Homo sapiens

<400> 292  
 atcccatcga ttcgaattcg gcacgaggga agcaaggcca cccgccttat ggatggaatt 60  
 gaggggaagg caccggggc tcctgcatcg agcttccctc cstatattcaa tgagggaaatg 120  
 accctgcaga aggctggctg cagatgcccc tgcctccgg ctggcctgc ttggagttt 180  
 atggacacgt ggtcctgtca gggctacage aggtctatgg tctttggtaa cggaaagcgc 240  
 tggtaaaaca gtgagtttc ccgtgggtgc tttccctga cgccaaacaac cagggcaagc 300  
 tgcctgtcct gctgcttggc cgctcctcag agctgcggcc gggagagtgc gtggtcgcca 360  
 tcggaagccc gtttccctt caaaacacag tcaccaccgg gatcgtgagc accaccacg 420  
 gag 423

<210> 293  
 <211> 409  
 <212> DNA  
 <213> Homo sapiens

<400> 293  
 ggcacgaggc taggagtact ggcctagatg gttatagaag tccatgccag gaggtcgctc 60  
 gcagtcagag ggtggttctg ggctggactc cagcccttc ctgtcgagg ccaatgccga 120  
 gcggttgtc cagaccttat gtacagttcg agggggccggc ctcaaggttg gccagatgct 180  
 cagcatccag gacaacagct tcatacgccc tcagctgcag cgcatcttg agcgggtccg 240  
 ccagagcgcc gacttcatgc cccgctggca gatgctgaga gttctgaag aggagctcgg 300  
 caggactgg caggccaagg tggcctcctt ggaggaggtg cccttgccg ctgcctcaat 360  
 tggcaggtg caccaggccc tgctgagggc cgggacggat gtggcgtg 409

<210> 294  
 <211> 369  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(369)  
 <223> n = A,T,C or G

<400> 294  
 ggcacgaggc cagctgctgg tggagcggca ctggggactg gaggctggaa gcgggtggtg 60  
 tgtgtccct gtttacttt agctgagctg ggggtgggtg tacgggtct gttcctctga 120  
 gccctgcggc ccacctgtat ttacgtgtg tgtgtgaggg gggggcggngn nnnnnnnnnn 180  
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnna 240  
 nnnnnnnnnn nttaatatat tttttgttt aatgggtnnn nnnnnnnnnn nnnnnnnnnn 300  
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnataaatt 360  
 attaaattt 369

<210> 295  
 <211> 403  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(403)  
 <223> n = A,T,C or G

<400> 295  
 ggcacgaggc cttctcttagc tctcttaggc tctccagttt gcacctgtcc ccaccctcca 60  
 ctcagctgtc ctgcagcaaa cactccaccc tccacccatcc attttcccc actactgcag 120

cacctccagg cctgttgcta tagagcctac ctgtatgtca ataaacaaca gctgaagcnn	180
nnnnnnnnnn nnnnnccccg ccccttaaaa acaatggggg gccgttacc gaaaacccaa	240
actggaaaaa acccttggg gagttggacc acccccccacc taaagggcgg gaaaaaaaaag.	300
gcttattgg aaaaattggg gaggcttgg ttaattgga accccataaaa gccggcaaaa	360
aacaggtAAC caccaccatt gccttcTTT ttaggttcag ggg	403
<210> 296	
<211> 384	
<212> DNA	
<213> Homo sapiens	
<400> 296	
ggcacgagga gaaccttctgg atcgggccc gctcgaggc cctcatccac ctgggcgc	60
attttcgcc ctgcattgcgc caggaccgc aggtgcacag cttcattgc tcgggcgc	120
agcgcgagaa gcaactccgc tgctcggtgc gcaacgcacag gtcgggtgc gtgcagac	180
cgaggaggaga gtgctcgcta acaggaatta tgccgtcaa ctccttcca cgctggcagt	240
gtgggtgaag tggccatcc atcccagcgc cccagagctt gcgggcccaca agagacagt	300
tggctctgtc tgccaccagg atcccagggt gtgtgatgag ccctcctccg aagaccctca	360
tgagtgccca gaagacatca ccaa	384
<210> 297	
<211> 401	
<212> DNA	
<213> Homo sapiens	
<400> 297	
ggcacgagat taagtgaatt gcgttatatt tatgaccta aggaccagat acaggaggt	60
gaagggagat acatgcagg gcttaaagaa ctaaaggaat ctttgtctga agtggaaagaa	120
aaatacacaaga aagccatgtt ttccaatgca cagttagaca atgagaagaa caatttgatc	180
taccatgttag acacactcaa ggatgttatt gaagagcagg aggaacagat ggcagaatt	240
tatagagaaa atgaagaaaa atcaaaggag ttagaaaggc agaaacatat gtgttagtgc	300
ctgcagcata agatggaaactttaaagaa ggcctgcgc aaagagatga gcttattgag	360
aaacatggct taagtataat ccccgatggc actccaaatg g	401
<210> 298	
<211> 430	
<212> DNA	
<213> Homo sapiens	
<220>	
<221> misc_feature	
<222> (1)...(430)	
<223> n = A,T,C or G	
<400> 298	
aaatgggaga actctgaggt ncccaacgat tcgcattcg cacgaggcca gctgctggg	60
gagccgcctct gggactgga ggctggaagc ggggtgggtgt tgccctgt ttacttttag	120
ctgagctggg gttgggtgtc cgggtctgt tcctctgagc cctgcggccc acctgatgtt	180
tacgtgtgtg tgggggggg ggcgggnac gntatanacc catcttatta tcaaattaca	240
aaatcccant aataggatc tccatcaagc tgcangagga ggagagagaa atgagagaca	300
attatgttcc tgggtctca gccttggatc aggagattat tgaagatgat tcttgcctca	360
aggagatgct gaagctttt gactttgggg gtctgttcaa ctttcattgtt acttcaactt	420
cagctggaa	430
<210> 299	
<211> 387	
<212> DNA	
<213> Homo sapiens	
<400> 299	

ggcacgaggt ttcataccctt ctcagaattt gatatatcaag acacattttaa atataaggccc	60
tctggaaatgt gatttatata cagtcatcat aattacccccc tttagaaaattt gtaatatttt	120
atagccaggt ttaggttttag tgcataatgtt agtgattgtt ggtctatcac tactcatgaa	180
gtggaaacccctt ctctactcat aaaaacccca atcagacata tagatgaata gaaccttgat	240
aacatttagaa tgccttggtc tctgaaggct tacaagacta tacgtcagga tatattaagg	300
agaagctgag gaacgaaaga aacttcgaca agagaatgga aatgtacatg ctatagcata	360
actgaagaat aaaatacagg tttgagg	387
<210> 300	
<211> 373	
<212> DNA	
<213> Homo sapiens	
<400> 300	
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tgttactatg gtaacacttt gctttctgaa ttggaaaggaa aaaaaatgtt acgacagcat	120
tttaaggttgc ccatggtaac cagccacagt acatatgtt ttctttccat caccccaacc	180
tctcctttct gtgcattcat gcaagagttt cttgttaagcc atcagaagtt acttttagga	240
tgggggagag gggcgagaag gggaaaaatg ggaaatagtc tgattttaat gaaatcaaat	300
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ttgataaaaaag agt	373
<210> 301	
<211> 369	
<212> DNA	
<213> Homo sapiens	
<400> 301	
ggcacgagac tagtccgact ttttatgtgc tatgcaaaaat agacatctt aacatagtcc	60
tgttactatg gtaacacttt gctttctgaa ttggaaaggaa aaaaaatgtt ggcacagcat	120
tttaaggttgc ccatggtaac cagccacagt acatatgtt ttctttccat caccccaacc	180
tctcctttct gtgcattcat gcaagagttt cttgttaagcc atcagaagtt acttttagga	240
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cagaccaagg agcaggagat gggcgcctg cgagcagacg tggggaaagtt gcgagagagg	180
ctgcaggggg agcacagcca gaatggggag gaggagcctg agacggagcc ggtggggagag	240
gagagcatct ccgacgcaga gaaggtggcc atggatctca aggacccaa ccgcggccgg	300
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ctccgacgct gaaggtgatg tggccccc当地 caaccgc当地 atccagctg ttgaggagga	360			
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cggtttagt cttgacacct gccggagcat tgtgtctgtc atggacagtg acacgactgg	180			
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<400> 308

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<400> 309

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 <211> 396  
 <212> DNA  
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<400> 310

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<210> 318

<211> 1365

<212> DNA

<213> homo sapiens

<400> 318

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<211> 22

<212> DNA

<213> Artificial Sequence

<220>

<223> synthesized primer

<400> 319

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22

<210> 320

<211> 22

<212> DNA

<213> Artificial Sequence

<220>

<223> synthesized primer

<400> 320

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<210> 321

<211> 22

<212> DNA

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<223> synthesized primer

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<213> Artificial Sequence

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<223> synthesized primer

<400> 322

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24

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<213> Artificial Sequence

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<223> synthesized primer

<400> 324

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22